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6273

MICHELL'S

SEEDS BULBS PLANTS 1943

VICTORY
GARDEN

GOLDEN CROSS
BANTAM CORN
Pkt. 15c; 1/2 lb. 30c

BROCCOLI
Pkt. 15c; 1/2 oz. 50c

-Inch,



EARLY
DEEP SCARLET
GLOBE RADISH
Pkt. 10c; oz. 25c

LIBRARY
RECEIVED

MAR 11 1943

U. S. Department of Agriculture

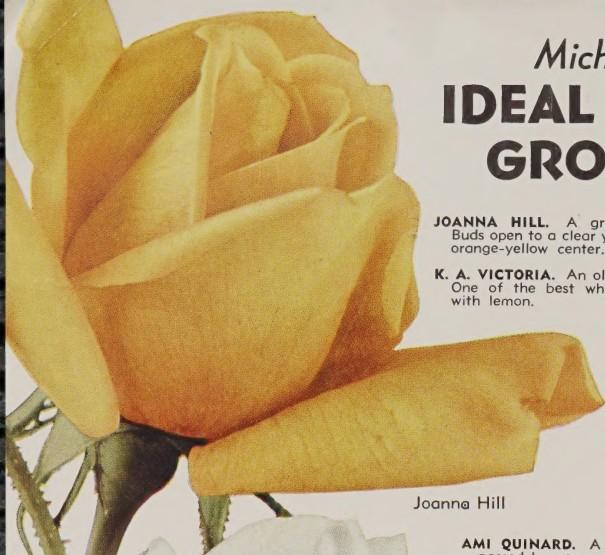
CHANTENAY
HALF-LONG
CARROT
Pkt. 15c;
1/2 oz. 25c

DETROIT
DARK RED
BEET
Pkt. 10c;
oz. 30c

EVERGREEN
POLE LIMA
BEANS
Pkt. 10c;
1/2 lb. 35c

HENRY F. MICHELL CO.
516-518 MARKET ST. PHILADELPHIA, PA.

RUTGERS
SPECIAL TOMATO
Pkt. 15c; 1/2 oz. 40c



Michell's **IDEAL ROSE GROUP**

JOANNA HILL. A grand Rose.
Buds open to a clear yellow with
orange-yellow center.

K. A. VICTORIA. An old favorite.
One of the best whites tinted
with lemon.

Joanna Hill



AMI QUINARD. A good deep pink. Sur-
passed by none.

LADY ASHTOWN. Delicate shade of pink
that will thrill the heart of any Rose
fancier.

SOEUR THERESE. One of the few new yellow
Roses that has really gone over.

ETOILE DE HOLLANDE.
The World's favorite red
Rose—one of the old
standbys. Your garden is
not complete without it.

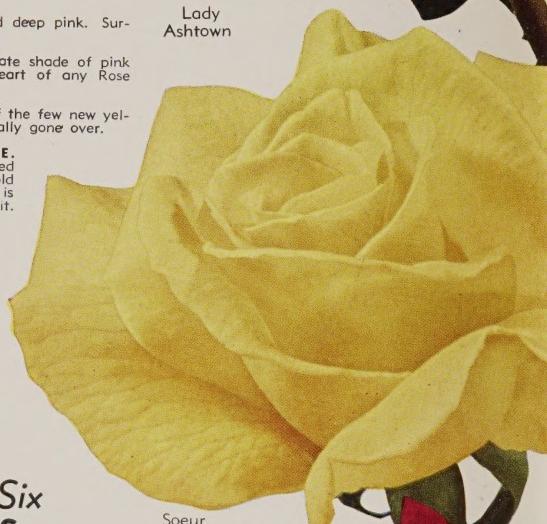
Lady Ashtown



Kaiserin
Augusta
Victoria

*These Six
ROSES*

\$ 1.00 each



Soeur
Therese

COLLECTION

One each of above for

\$ 5.50



Ami
Quinard



Etoile de
Hollande

Customers please note

To avoid misunderstanding
read these conditions
of sale

BELL - Lombard 5620 to 5627
KEYSTONE - Main 1631-1632



TELEPHONE YOUR ORDER

It Will Get Prompt, Courteous
Attention Here

LOCAL DELIVERY

Our free delivery service covers Philadelphia and vicinity, but we do not guarantee to maintain a daily delivery to these places.

SPECIAL ATTENTION

To our customers in New Jersey:

Due to the curtailment of Motor Transportation, we are unable to make free deliveries to Camden, N. J., and vicinity, of orders under \$1.50.

Shipment of goods can also be made by package service from Market and Chestnut Street Ferries, Broad Street Station, Reading Terminal, and B. & O. R. R., at 24th and Chestnut Streets. The tariff for shipments that can be made by this method on merchandise they will receive packed in one piece is as follows:

10 lbs. and under, 12c. 26 lbs. to 40 lbs., 24c.
11 lbs. to 25 lbs., 18c. 41 lbs. to 50 lbs., 30c.

Shipments weighing more cannot be sent via Package Service.

ORDER EARLY

We would greatly appreciate if you would send orders for seeds, plants, bulbs, etc., during January and February whenever possible. Shipments will be made when you want the goods.

GIFT CERTIFICATES

"Michell's Gift Certificates" available in any amount and redeemable at any time for your merchandise are most unusual gifts for your garden loving friends. They are ideal for Christmas, birthday and other remembrances.

WE WELCOME CHARGE ACCOUNTS

We invite you to take advantage of the convenience of a charge account with us. So that no time will be lost in executing your first order, please send us the names of two or more business houses with whom you have had past or present credit relations.

HAVE YOU MOVED?

Please let us know of any permanent change of address so that you may receive our catalogs regularly.

EMPLOYMENT SERVICE

We maintain a register of the names of competent gardeners, superintendents, etc., who desire positions. Call on us if you wish to employ help. We also maintain a register of competent landscape architects and jobbing gardeners. We recommend only those who have proved reliable.

SHIPPING INSTRUCTIONS

Always state by what method you want goods forwarded; otherwise we will ship according to our best judgement.

PACKING CHARGES

No charge is made for boxes, packing, or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

C. O. D. SHIPMENTS

Goods can be sent C. O. D. with the exception of perishable items: plants and cold storage bulbs. If shipment is requested by express or freight, send a partial remittance with the order. No. C. O. D. orders accepted for less than \$1.00.

CONDITIONS OF SALE

All contracts, sales, and acknowledgments of orders are contingent on crop failures, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

FORWARDING SERVICE

We pay postage charges on all orders for Vegetable Seeds, Flower Seeds, and Grass Seeds in quantities up to 5 pounds (unless otherwise noted) to the First and Second Zones. If larger quantities of the above, also Bulbs, Plants, and Sundries, are wanted by Parcel Post, remit for postage the amount named in connection with the item to the First and Second Zones; for other Zones add additional postage or at the rate quoted in table below.

All Plants, Roots, and Bulbs are forwarded by Express (or Parcel Post when possible), purchaser paying charges, unless otherwise noted.

For those of our customers who prefer to receive such goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots, or Bulbs unless otherwise noted.

To all points east of the Mississippi River, add 10 per cent to cover postage and packing charges; to all points west of the Mississippi River, add 15 per cent.

SAFE ARRIVAL. We guarantee the safe arrival of all goods sent to points within the United States except when shipped to points where there is no Express or Freight agent; to such points the purchaser must assume any claim for loss or damage.

PARCEL POST RATES from Philadelphia (subject to change)

United States Parcel Post Rates (Seeds, Plants and Bulbs Included) (Subject to Change)	First pound or fraction	Each additional pound or fraction	Packages must not exceed 100 inches (length and girth combined)
Local Rate, Philadelphia	\$0.07	\$0.01	
1st Zone, within 50 miles of Philadelphia . . . . .	.08	.01.1	Limit of weight to all zones, 70 lbs. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.
2nd Zone, over 50 and under 150 miles . . . . .	.08	.01.1	
3rd Zone, over 150 and under 300 miles . . . . .	.09	.02	
4th Zone, over 300 and under 600 miles . . . . .	.10	.03.5	
5th Zone, over 600 and under 1000 miles . . . . .	.11	.05.3	
6th Zone, over 1000 and under 1400 miles . . . . .	.12	.07	
7th Zone, over 1400 and under 1800 miles . . . . .	.14	.09	
8th Zone, over 1800 miles . . . . .	.15	.11	

On Seeds, Bulbs, Plants, or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c for each two (2) ounces or fraction thereof; on Sundries or other Merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces are sent at zone rates.

If Special Delivery is wanted, an additional 15c is required on packages weighing up to two (2) pounds—25c on packages weighing more than two (2) pounds and up to ten (10) pounds—35c on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if order to be sent by either of the methods as stated above.

PARCEL POST CHARGES QUOTED ARE FOR DELIVERY IN THE UNITED STATES ONLY

Notice to Customers in Canada and Other Countries Outside of the United States. In remitting for purchases at the time of ordering, or when paying accounts, by reason of the exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par in United States funds.

HENRY F. MICHELL CO.

516-518 Market Street

PHILADELPHIA, PA.

WAREHOUSES: 509-11-13 Ludlow St. and American and Dauphin Sts.

Make a Plan for your Vegetable Garden

A New and Accurate Way to Plan Your Vegetable Garden

Don't Let the Shortage of Farm Labor Defeat Our War Effort—PLAN NOW to Plant Later!

INSTRUCTIONS: All garden crops can be divided into three groups—

(1) Long season crops which occupy space for the entire growing season. These we will call "L." crops.

(2) Early short season crops, which can be planted early and which will mature early. These we will call "E. S." crops. Crops in this group can be followed by second and sometimes third crops.

(3) Follow-up crops—are crops which can be planted in the same rows occupied by the "E. S." crops, after the "E. S." crops have been harvested. This group we will call "F." crops.

If your garden does not contain representatives from each of these three groups, you are not getting the most out of your space or efforts.

Assuming that the diagram below is your garden—First fill in the varieties of vegetables, etc., that your family likes; that is, in the spaces marked "L." crops—use one or more crops listed under "L." crops. Make sure that the planting distances are matched; that is, if the space you are filling up is two foot row, the crop you select must also be one requiring two feet of growing space, etc.

After you have decided the kinds and varieties that you want, fill in the quantities that are required to satisfy the needs of your family or to fill up the space that you have available. The seed requirement chart will give you this information.

After you have the spaces filled in, copy off the kinds and quantities of seeds, roots, plants or sets that you require and mail this list to us.

"L." CROPS

(Long season.)

Recommended Variety:	Distance Apart Rows
BEANS. Pole Thomas, Michell's Evergreen	3 ft.
BEANS. Bush Limas, Fordhook Bush, Improved Bush or McCrea's Bush	
CUCUMBER. Straight 8, A & C, or Early Market	2 1/2 ft.
Eggplant. Black Beauty (plants or seed)	4 ft.
LEeks. Giant Carettaion	15 in.
MUSKEMELON. Pride of Wisconsin or Hearts of Gold	5 ft.
OKRA. Perkins Long Red	2 1/2 ft.
PARSLEY. Double Curled or Plain	1 ft.
PARSNIP. Hollow Crowned	15 in.
PEPPERS. California Wonder or World Beater (plants or seed)	2 1/2 ft.
SALSIFY. Mammoth Sandwich Island	1 1/2 ft.
SQUASH. (Winter). Hubbard or Boston Marrow	6 ft.
ONION SETS. Yellow, White or Red	15 in.
ONION SEED. Prizetaker or Southport White and Yellow	15 in.
POTATOES. Green Mountain	2 ft.
ASPARAGUS. (Roots or seed). Washington or Paradise	2 ft.
HORSERADISH. (Roots or seed). Maliner Kren	1 1/2 ft.
RASPBERRIES. Latham	6 ft.
STRAWBERRIES. Catskill	3 ft.
SWEET POTATOES. (Plants)	2 1/2 ft.
SWISS CHARD. Lucullus	1 1/2 ft.
TOMATOES. (Plants or seed.) Rutgers or Bonny Best	4 ft.

"E. S." CROPS

(Early short season, to be followed by other crops.)

Recommended Variety:	Distance Apart Rows
BEANS. (Bush Snap). Bountiful, Stringless Greenpod or Tendergreen	1 1/2 ft.
BEETS. Early Wonder, Detroit or Crosby's Egyptain	15 in.
CABBAGE. (Plants or seed). Early Jersey Wakefield, All-head or Copenhagen Market	2 1/2 ft.
CARROTS. Chantenay Half Long, Danvers Half Long or Imperator	15 in.
CAULIFLOWER. New White Wonder or Super Snowball	2 1/2 ft.
CORN. (Sweet). Golden Cross Bantam, Stowell's Evergreen	2 1/2 ft.
KALE. Dutch Green, Dwarf Blue Scotch	1 1/2 ft.
KOHl-RABI. White Vienna	15 in.
LETTUCE. Leaf—Grand Rapids or Simpson	1 ft.
ONION. White Bunching (scallions from seed)	15 in.
PEAS. Early June, Michell's Extra Early or Gradus	2 1/2 ft.
RADISHES. Early Scarlet Globe or Icicle, or White Tip Scarlet	1 ft.
SPINACH. Bloomsdale Long Standing	15 in.
TURNIP. Purple Top White Globe	15 in.

"F." CROPS

(Late crops which may be planted after others are harvested.)

Recommended Variety:	Plant Not Later Than	Distance Between Rows
BEANS. Bush. (Snap Beans). Bountiful.	July 25th	1 1/2 ft.
BEETS. Early Wonder.	Aug. 1st	15 in.
CARROTS. Chantenay Half Long.	July 15th	15 in.
SWEET CORN. Golden Cross Bantam.	July 15th	2 1/2 ft.
CELERY. (Plants). Any green celery.	Aug. 1st	15 in.
KALE. Dwarf Blue Scotch	Aug. 1st	15 in.
LETTUCE. Leaf—Lettuce.	Aug. 15th	15 in.
KOHl-RABI. White Vienna	Sept. 1st	15 in.
RADISHES. Early Scarlet Globe.	Sept. 1st	15 in.
SPINACH. Virginia Bright Resistant.	Sept. 1st	15 in.
TOMATOES. Late plants.	June 15th	4 ft.
TURNIPS. Purple Top White Globe.	Aug. 15th	15 in.
LATE CABBAGE. Danish Ballhead.	July 5th	2 ft.
BROCCOLI. Calabrese	Aug. 1st	2 ft.

DIAGRAM OF YOUR 1943 VICTORY GARDEN

If you select crops for each row, your garden will be 40 feet wide. The length will be decided after you consult the requirement chart.

4 feet (L. Crop)	
2 1/2 feet (L. Crop)	
15 inches (L. Crop)	
15 inches (L. Crop)	
15 inches (E. S. Crop)	(F. Crop)
15 inches (E. S. Crop)	(F. Crop)

2 1/2 feet (E. S. Crop)	(F. Crop)	1 1/2 feet (L. Crop)
2 1/2 feet (E. S. Crop)	(F. Crop)	1 1/2 feet (E. S. Crop) (F. Crop)
2 1/2 feet (L. Crop)		3 feet (L. Crop)—Strawberries only
1 foot (E. S. Crop)	(F. Crop)	4 feet (L. Crop)—Asparagus only
2 feet (L. Crop)		6 feet (L. Crop)—Raspberries only
2 feet (L. Crop)		

BEANS

Dwarf Varieties of Shell Beans FOR WINTER USE

These are always useful for soups, baked beans, etc. They can be used in the green state like other sorts, when picked very young. Plant when ground is warm in spring and up to July 1 in rows 2 feet apart, Beans 3 inches apart in the row.

Boston Navy or Pea. 93 days. Snowy white variety of small size. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

Long-Pod Broad or Fava. 75 days. An English Bean used in the dry state, shelled. Plant in rows about 3 feet apart, 8 inches apart in the row. Pkt., 10c; ½ lb., 35c; lb., 50c; 5 lbs., \$2.25.

Dwarf Horticultural. 54 days. One of the best early Shell Beans. Thick, flat, stringless pods colored red and green; Beans large, round, and speckled. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Red Kidney. 95 days. Pods long, kidney-shaped, light red. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

White Marrow. 100 days. Larger than Boston Navy Bean and extensively planted for shell-ing for winter or for using in the green state. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

Yellow-Podded Varieties

Improved Rustproof Golden Wax. Rust-resistant. 51 days. Vigorous grower. One of the best of the Wax Beans. Pods flat, medium length, good quality. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Pencil-Pod Black Wax. 55 days. A round-podded, hardy, very early sort that is entirely stringless. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Round-Podded Kidney Wax. 58 days. Rust-resistant. Vigorous grower with fleshy, stringless pods. Pkt., 10c; ½ lb., 40c; lb., 60c; 5 lbs., \$2.75.

Stringless Refugee Wax. 54 days. Round-podded entirely stringless Bean of exceptional flavor. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Sure-Crop Stringless Wax. 53 days. Very productive, hardy and may be planted early. Long, thick, flat pods of excellent quality. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Wardwell's Kidney Wax. 54 days. Rust-resistant. Long, thick, flat pods in great abundance. One of the best medium-early sorts. Free from rust. Pkt., 10c; ½ lb., 40c; lb., 60c; 5 lbs., \$2.75.

Haricots Nains (Fr.) Buschbohnen (Ger.)

Fagioli Nani (Ital.)

Plant 90 pounds per acre; 2 pounds for a 100-foot row

A rich, sandy loam suits Beans to perfection. Toward the end of April, or still better, in May, sowings may be made and may be repeated every two weeks until August. Have the rows about 2 feet apart. Sow quite thinly in the row and about 2 inches deep, thinning out to stand 4 to 6 inches apart in the rows.

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Green-Podded Varieties

Bountiful. 53 days. Flat-podded, stringless, tender and a prolific bearer. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Early Red Valentine. 52 days. An extra-early variety, maturing a crop in 40 to 50 days, a large portion of which can be picked at one time. Pods 5 to 6 inches long, round, thick, tender and of good quality. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Giant Stringless. 53 days. Vigorous grower and a great producer of large, round pods, from ½ to 6½ inches long. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Masterpiece. 50-55 days. The leader among early greenhouse forcing varieties. Pods 7 x 3/8" x 7/16". Light silvery green, straight, flat, almost entirely stringless and fibreless. Fine texture. Pkt., 15c; ½ lb., 45c; lb., 75c; 5 lbs., \$3.00.

Medal Refugee. 53 days. All-America Bronze Medal. This variety is distinctly new because it is white-seeded and resistant to Bean mosaic. It is recommended for home and canning use. Pkt., 15c; ½ lb., 50c; lb., 90c; 5 lbs., \$4.25.

Stringless Black Valentine. 49 days. An improvement on the old strain of Black Valentine. Pods long and slender, semi-round and stringless. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Stringless Green-Pod. 50 days. Round-podded sort that is early, prolific, and a continuous bearer. Pods 5 to 6 inches long, very meaty. Even when the pods become quite old they retain their stringless qualities. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Tendergreen. 51 days. An early stringless variety with round pods at least 6 inches long. Ready for use 52 days after sowing. Pkt., 10c; ½ lb., 35c; lb., 50c; 5 lbs., \$2.25.

The Prince. 52 days. An extremely long-podded forcing type. Pods will average 11 and 12 inches, thick, fleshy and stringless. Pkt., 15c; ½ lb., 45c; lb., 75c; 5 lbs., \$3.00.

Triumph of the Frames. 50 days. Splendid for forcing under glass, producing long, narrow, tender pods. Pkt., 15c; ½ lb., 40c; lb., 75c; 5 lbs., \$3.50.



MICHELL'S VEGETABLE SEEDS

ARTICHOKE

Artichout (Fr.) **Artichoke** (Ger.)
Articcioca (Ital.)

One ounce will produce about 500 plants.

Sow seed in January in the greenhouse, or in hotbeds in March. Transplant when large enough, in rows 3 feet apart, 2 feet apart in the row. Protect the plants in winter by taking them in a cellar or putting in a cold frame; may be left outdoors if protected by straw or leaves.

Green Globe. Pkt., 15c; 1/2 oz., 45c; oz., 80c.

ASPARAGUS

Asperge (Fr.) **Spargel** (Ger.)
Sparaglio (Ital.)

Sow 5 pounds per acre for roots, or 1 ounce to 50 feet.

A well cared for Asparagus bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seeds should be sown thinly in early spring in rows 1 to 2 feet apart. Thin out the weakest plants so the remainder will be 4 inches apart. When one or two years old, transplant in the permanent bed in rows 3 feet apart, setting the roots 1 to 1 1/2 feet apart, from where it can be cut three years later. "Michell Garden Pointers" gives full information and is mailed free.

Giant Washington. A rust-resisting variety with long, stout, dark green spears with a rich purple tinge. Oz., 15c; 1/4 lb., \$2.00; lb., \$6.00.

THE POCKET BOOK OF VEGETABLE GARDENING

By Charles H. Nissley

Tells when and how to plant. 244 pages. Price, 25c.

VITAMINS IN VEGETABLES

See chart—page 94.

Nitrogen Bacteria for Beans

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with Nitrogen Bacteria. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture.

If you want your Bean-patch to yield earlier and better, inoculate the seed before planting with LEGUME-AID. When ordering, be sure to specify if wanted for garden Beans, as each leguminous crop requires a separate culture. See page 91.

Pole or Running Beans

One pound of seed will plant 150 to 200 hills; about 20 pounds, an acre

Haricots a rames (Fr.) **Stangenbohnen** (Ger.)
Fagioli (Ital.)

When all danger of frost or cold nights is over, plant in hills 4 feet apart each way, about 4 or 5 Beans to the hill, eyes downward and when up and established, thin out to 3 plants in a hill. One planting usually lasts for the season.

Green-Podded Varieties

Decatur. Silver Medal, 60 days. Widely recommended for the garden and wherever Pole Beans grow. It is stringless, resistant to Bean rust, and of the early type. One of the heaviest bearers of them all. Pkt., 15c; 1/2 lb., 50c; lb., 90c; 5 lbs., \$2.45.

Yard Long or Giant Podded Asparagus. 72 days. Produces an enormous crop of pods 2 feet or more in length, tender and of excellent quality. Pkt., 15c; 1/2 lb., 50c; lb., 90c.

Lima Beans

Haricots a rames (Fr.) **Stangenbohnen** (Ger.)
Fagioli di Lima (Ital.)

Prices quoted on Beans are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post table on page 1. Larger quantities shipped at purchaser's expense.

Pole Varieties

Two pounds will plant 100 hills; 25 to 30 pounds, an acre

Plant when all danger of frost or cold nights is over, with the eye of the Bean down. Put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made, in rows about 4 feet apart with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow-manure in each hill when the poles are set, so the Beans, when started, will make rapid growth and mature early.

Carpinteria. 88 days. Retains its green color in all stages of growth, even after being dried, and combines wonderful prolificness, flavor, and size. A good early variety with 4 or 5 Beans in a pod. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

Challenger or Dreer's Improved. 92 days. Although somewhat smaller than other Limas, it is very early, prolific and of delicious flavor. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

Giant-Podded. 90 days. Heavy, stocky vine well filled with clusters of gigantic pods. Nice-sized white Beans. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

King of the Garden. 88 days. An old-time favorite. Sturdy grower, exceedingly productive and of good flavor. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

ALL PRICES SUBJECT TO MARKET CHANGES

Horticultural or Speckled Cranberry. 70 days. Long, pale green pods, which become streaked with red when mature. Pkt., 10c; 1/2 lb., 30c; lb., 50c; 5 lbs., \$2.00.

Kentucky Wonder or Old Homestead. 65 days. In the South this variety is grown more extensively probably than any other. A tremendous yielder of long, round, tender and practically stringless pods. Ready for picking about 85 days from planting. Pkt., 10c; 1/2 lb., 30c; lb., 50c; 5 lbs., \$2.00.

Scarlet Runner. 90 days. While used principally for its flowering qualities, this makes a fine wine or Shell Bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, etc. Pkt., 10c; 1/2 lb., 40c; lb., 60c; 5 lbs., \$2.75.

Yellow-Podded Varieties

Kentucky Wonder Wax. 65 days. A very prolific sort, producing long, thick, almost straight pods which are of a light yellow color and of excellent quality. Pkt., 10c; 1/2 lb., 35c; lb., 50c; 5 lbs., \$2.25.

Michell's Evergreen. 87 days. An exceptionally early Pole Lima. It is remarkable for its productiveness and good flavor and continues bearing until frost. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

Carolina or Sieva. 77 days. Produces small flat Beans of fine quality. Heavy yielder. Pkt., 10c; 1/2 lb., 35c; lb., 60c, 5 lbs., \$2.75.

Bush or Dwarf Lima Beans

One pound will plant 50 feet of row

Bush Limas should be planted for early crops, as they come into bearing much sooner than the pole varieties, although they are not so prolific. Plant in rows about 3 feet apart, with hills about 2 feet apart, 3 Beans to the hill.

Burpee's Improved. 77 days. A great improvement over the old strain of Burpee's Bush Lima. The Bean is thicker, sweeter, and the bush more prolific. An outstanding variety. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 2 lbs., 90c; 5 lbs., \$2.75.

Baby Fordhook. 72 days. Plant small but branched and vigorous; pods very numerous, tightly filled with 3-4 small plump seeds of high quality. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

Henderson's. 67 days. Dwarf, compact-growing variety; large clusters of pods containing very small, flat Beans. A favorite sort for canning, but not recommended for flavor. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

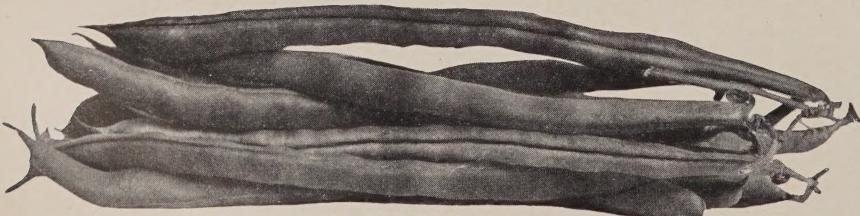
Fordhook. 75 days. Distinct, upright, vigorous growth; pods borne in clusters well above the ground and frequently contain 4 thick, luscious Beans. Matures early and continues in bearing until frost. Pkt., 10c; 1/2 lb., 40c; lb., 65c; 5 lbs., \$3.00.

McCreo's. 75 days. An ideal new Bush Lima for the home garden and fine for canning, as the Beans retain their green color and fine flavor. Medium-sized pods containing 3 to 5 thick Beans. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

Wilson's Improved. 67 days. Claimed to be two weeks earlier than Burpee's Improved Bush Lima. Also much more prolific, though neither the pod nor the Bean is quite as large. Pkt., 10c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75.

CEDAR BEAN POLES
(Pointed). Extra-selected quality, about 10 feet long. 12 for \$2.50; 25 for \$4.50; 50 for \$8.50; 100 for \$16.00.

1001 Garden Questions Answered. Hottest. Covers flowers, fruits and vegetables. 328 pages. \$2.00.



Kentucky Wonder Beans



Michell's Choice BEET SEED

Betterave (Fr.)

Salatrube (Ger.)

Barbabietola (Ital.)

One ounce will sow a row 50 feet long;
5 pounds, on an acre

Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin to stand 4 inches apart in the row. For an early crop in hotbed sow the seed in early March, while for a winter supply sow about July 10 outdoors.

Crimson Globe. 56 days. Rich deep red Beets, almost round, with a distinct delicious flavor, and very tender. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.75.

Crosby's Egyptian. (Special Strain.) 51 days. A special selection of the usual strain and repeated tests have proved it to be a darker red and much earlier. Pkt., 15c; oz., 40c; 1/4 lb., \$1.25; 1/2 lb., \$2.30.

Crosby's Egyptian. (Usual Strain.) 51 days. Especially desirable on account of its rich blood-red color throughout. Early, and one of the best table Beets. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.75.

Detroit Dark Red. (Michell's Special Strain.) 56 days. Carefully reselected seed from the choicest, most uniform roots. Found superior to the usual type of Detroit Beet. Pkt., 15c; oz., 40c; 1/4 lb., \$1.25; 1/2 lb., \$2.30.

Detroit Dark Red. (Usual Strain.) 56 days. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.75.

Early Wonder. 58 days. Extra-early, globe-shaped, with deep blood-red, tender flesh. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.75.

Good-for-All. 63 days. This new variety matures nearly as early as Crosby's Egyptian and is suitable for table or canning when half grown. It is dark red, almost globular in size and shape, and has a medium-sized top. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.75.

Lentz Early. 52 days. Fine for sowing in hotbeds and early outdoors. Flesh red, with zone of lighter shades. Pkt., 15c; oz., 40c; 1/4 lb., \$1.25; 1/2 lb., \$2.30.

Michell's Winter Keeper. 78 days. Globe-shaped Beet with rich red, tender, sweet flesh. One of the best winter varieties. Pkt., 15c; oz., 40c; 1/4 lb., \$1.25; 1/2 lb., \$2.30.

Mangel-Wurzel

Sow five pounds per acre during April and May, in thoroughly plowed, well-manured soil, in drills about 2 feet apart, and thin out to 1 foot apart in the row. Keep the weeds down by frequent hoeing and cultivating. Low ground is best for Mangel-Wurzels.

Golden Tankard. 102 days. The best long yellow Mangel. Matures earlier than other large sorts. Pkt., 15c; oz., 40c; 1/4 lb., \$1.25; 1/2 lb., \$2.30.

Lane's Improved White Sugar. 100 days. Attains an enormous size, growing considerably above the ground. One of the best for stock-feeding. Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25.

Mammoth Long Red. 110 days. An unusually productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. The best long red Mangel. Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.25.

Borage

An herb whose leaves are used as a salad. Pkt., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

Broccoli

Broccoli (Fr.)

Sparkelkohl (Ger.)

Broccoli (Ital.)

One ounce will produce 3000 plants

Resembles cauliflower and often grown where the latter does not thrive. Culture is similar.

Early Green Calabrese. 70 days. Much sought by the Italian trade, and is quite popular in American gardens. After the fair-sized green head is cut from the main stalk, new sprouts develop into small, loose heads. Pkt., 15c; 1/2 oz., 50c; oz., 80c; 1/4 lb., \$2.50.

Rapa or 40-Day. A very early type of sprouting Broccoli, producing many small heads. The seed is usually broadcast thickly. Cut when about 10 to 12 inches high, just before the heads burst into bloom. Suitable for early spring or fall sowing. Makes very fine greens. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00; 1/2 lb., \$1.90.

White Cape. 70 days. Forms creamy white heads of good flavor, quite equal to cauliflower. Pkt., 15c; 1/2 oz., 60c; oz., \$1.00; 1/4 lb., \$3.00; 1/2 lb., \$5.50.

LAGS RABBIT CHASER. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle with directions, 50c.

ALL PRICES SUBJECT TO MARKET CHANGES

BRUSSELS SPROUTS

Chou de Bruxelles (Fr.) Rosekohl (Ger.)

Berza de Brussels (Ital.)

One ounce will produce about 3000 plants

Sow seed about May 15 and transplant when about 4 inches high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. Best for cooking after slight frost.

Michell's Mammoth Fancy. 70 days. We have an exceptionally fine strain of these Sprouts. Compact, dwarf type, having stems covered with fancy, solid Sprouts. Pkt., 15c; 1/2 oz., 80c; oz., \$1.50; 1/4 lb., \$4.50.

Long Island Half-Dwarf. 70 days. Compact heads. Very productive. Pkt., 15c; 1/2 oz., 80c; oz., \$1.50; 1/4 lb., \$4.50.

Matchless Improved. 70 days. Pkt., 15c; 1/2 oz., 80c; oz., \$1.50; 1/4 lb., \$4.50.

BRUSSELS SPROUTS PLANTS. 100, \$1.50; 1000, \$12.00. Ready in July.

Caraway

Herb used for flavoring, etc. Pkt., 25c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 90c.



Swiss Chard

SPINACH BEET

Poire (Fr.) Beisskohl (Ger.)

Beta (Ital.)

One ounce will sow a row about 50 feet long. Can be used in five weeks after sowing, and is a continuous crop until killed by frost. Cultivated for the leaves which are used for greens; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. Chard is served like spinach which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus.

Dark Green Curled. 55 days. Large, dark green leaves with silvery white stems, tender and of fine flavor. Pkt., 15c; oz., 40c; 1/4 lb., \$1.35; 1/2 lb., \$2.50.

Giant Lucullus. 50 days. Very tall growing, with crinkly leaves often 2 feet long. Beautiful ornamental plant for any garden. Pkt., 15c; oz., 40c; 1/4 lb., \$1.35; 1/2 lb., \$2.50.

Fordhook Giant. 55 days. A recent introduction of real merit. The leaf is dark green, heavily crumpled as in Lucullus. Midrib is wide and thick, with a good white color. The plant is strong, sturdy and a good grower. Pkt., 15c; oz., 40c; 1/4 lb., \$1.35; 1/2 lb., \$2.50.

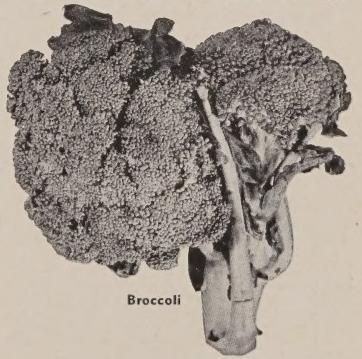
Catnip (Herb)

For making tea; a cat tonic, etc. Leaves and young shoots used for seasoning. Pkt., 25c; 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$4.00.

Chamomile

Herb with medicinal qualities. Pkt., 25c; 1/4 oz., \$1.50; 1/2 oz., \$2.50; oz., \$4.00.

ALL PRICES SUBJECT TO MARKET CHANGES



Broccoli

Michell's CHOICE CARROT SEED

Carotte (Fr.) Mohrrube (Ger.) Carota (Ital.)

One ounce will sow 100 feet of drill; 3 to 4 pounds, an acre.

For an early crop, sow as soon as danger from frost is over, in rows 1 foot apart; when 2 inches high, thin out to stand 2 inches apart in the row. For a late crop, sow in May or June. The long sorts should be sown early; the half-long and round sorts can be sown later.

California Bunching. 77 days. The roots at full maturity are almost cylindrical, 1 to 1½ inches in diameter, about 8 inches long, smooth, and free from side shoots. Red flesh of fine quality. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

Chantenay Half-Long. (Special Strain.) 72 days. Selected for earliness and uniformity, its tenderness and fine flavor have proved it a superior stock. A stump-rooted, orange-scarlet variety, 5 inches long, with tender, fine-grained flesh. Especially desirable for market or home use. Pkt., 20c; ½ oz., 35c; oz., 50c; ¼ lb., \$1.70.

Chantenay Half-Long. (Usual Strain.) 72 days. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

Coresless or Nantes Half-Long. 70 days. One of the finest medium-sized sorts. Roots blunt-pointed, smooth, bright orange, and of excellent quality. Pkt., 20c; ½ oz., 35c; oz., 50c; ¼ lb., \$1.70.

Danvers Half-Long. 75 days. The best for general-crop variety; a heavy yielder and excellent keeper. It is stump-rooted, 6 to 7 inches long, and rich orange. A first-class Carrot for all soils and valuable for table and stock. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.50.

Early Scarlet Horn. 64 days. A favorite early red variety. Stump-rooted, about 6 inches long; flesh fine-grained and of good flavor. Ideal for soups. Pkt., 20c; ½ oz., 35c; oz., 50c; ¼ lb., \$1.70.

Michell's CHOICE CABBAGE SEED

Chou pomme (Fr.) Kopf Kohl (Ger.) Cavolo Cappuccio (Ital.)
One ounce will produce about 3000 plants; 4 ounces, enough for an acre.

Our strains, the very best to be had, are selected from specimen heads in well-rogued fields. Sow seed of the early varieties in February in hotbeds and transplant, the latter part

Late or Winter Varieties

All Seasons or Vandergow. 87 days. Very large head, round and solid, valuable for late summer or winter use. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Danish Roundhead. (Short Stem.) 103 days. Heads exceptionally hard, excellent for sauerkraut as well as for winter storing. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Late Flat Dutch. 100 days. This seed has been selected especially for our trade from the finest type of heads, chosen for solidity and uniformity. Large heads of unsurpassed quality. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Mammoth Red Rock. 100 days. Good winter keeper. Heads globe-shaped, slightly flattened, and very hard. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.00.

Perfection Drumhead Savoy. 90 days. A beautiful crimped-leaved sort with almost round, deep glossy green heads. Savoy Cabbage is distinctly flavored, being much sweeter than the other kinds. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Penn State Ballhead. 105 days. Exceptionally hard, flattened globe heads 6 to 7 inches deep. Very good for winter storage and kraut. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Red Dutch Drumhead. 88 days. A red variety used extensively for pickling, and for cole slaw it has merits over the white kinds. It is principally used for winter, keeping well until spring. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.00.

Early Cabbage

Allhead. 78 days. The largest of the early Cabbages. Head roundish flat and remarkably solid; excellent for winter as well as early spring. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Charleston or Large Wakefield. 74 days. Similar to Extra Early Jersey Wakefield, but the heads are more blunt, grow almost twice the size, and mature one week later. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Copenhagen Market. 69 days. An early, round-headed variety, following Golden Acre. The heads frequently weigh as much as 10 lbs. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Early Summer. 75 days. Heads of medium size, roundish flat, and solid. Fine for following the early types. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Extra Early Jersey Wakefield. 63 days. Uniform, pointed heads. Outer leaves form a protection for the heads, permitting it to be set out earlier than other sorts. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Golden Acre. 64 days. Dwarf plants and round, solid, uniform heads, averaging 5 pounds in weight. Has few outer leaves, making it suitable for close planting. Follows Babyhead in earliness yet it is 10 days earlier than Copenhagen Market. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

of April or early in May, to open ground, or an early sowing can be made in open ground as soon as weather permits. Set plants in rows 2 feet apart and 1 to 1½ feet apart in the row. Sow second-early varieties in April and transplant in May; late varieties in May and transplant in July, setting plants in rows 3 feet apart and 2 feet apart in rows. Never plant Cabbage in the same location two years in succession.

Green Acre. 66 days. An entirely new type of extra early, round-headed Cabbage. The only white variety which possesses an inherent green colored surface of head. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Yellows-Resistant Varieties

These are highly recommended to yield satisfactory crops where other varieties fail because of Wilts "Yellows."

Jersey Queen. 66 days. The first of the resistant types to mature. In type and earliness similar to Jersey Wakefield. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Marion Market. 79 days. A very large, round head; early, solid and of fine quality. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

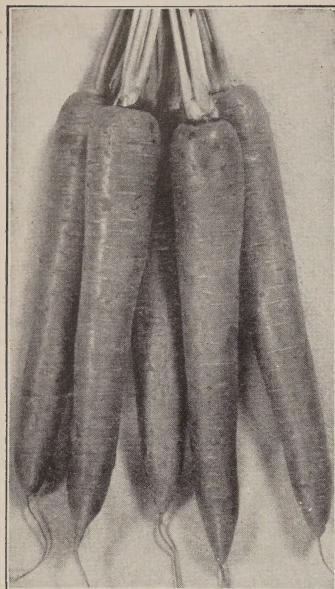
Wisconsin (Holland). 105 days. A splendid late variety. Attractive, large, globular heads; very solid, weighing from 8 to 10 pounds. Splendid for winter and an excellent variety for kraut. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$3.00.

Cabbage Plants

Early Sorts. Cold-frame-grown. 100, \$1.25; 1000, \$10.00.

Late Sorts. Field-grown. 100, \$1.25; 1000, \$10.00.

PRICES SUBJECT TO MARKET CHANGES



All seeds on this page mailed postage free.

Take your "Daily Dozen" with a hoe—there's nothing like it

Chinese or Celery Cabbage

A native of China and distinct from other Cabbage. It grows like Romaine lettuce, and makes a tasty salad, having a delightful flavor. Seed should be sown the latter part of July, in rows 2½ feet apart, and the plants thinned out to 18 to 20 inches in the rows; if sown too early the heat causes it to run to seed. The heads mature in 8 to 10 weeks.

Chihili (Improved Pekin). 75 days. Early and dependable in heading. Head 3 to 4 inches thick, tapered at tip, solid, blanches well, sweet and tender. A superior variety. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Pe-Tsai. 75 days. Heads firm; grows somewhat taller than Wong Bok, but not as thick through. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Wong Bok. 85 days. Does not grow as tall as Pe-Tsai, but is thicker through. Heads are elongated, self-folding, and require no blanching. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Cauliflower

Chou-Fleur (Fr.) **Blumenkohl** (Ger.)
Cavoli Fiore (Ital.)

One ounce will produce about 3000 plants.

Sow seed in hotbeds or window boxes, in February or March, and transplant in cold frames. When hard frosts are over, plant outdoors. For second crop, sow in April and set out in May; for third crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant or Dry Weather. 67 days. An ideal variety for summer use, as it stands drought and heat better than other sorts. Enormous snow-white heads. Larger than other varieties. Pkt., 25c; trade pkt., 75c; ¼ oz., \$2.00; ½ oz., \$3.75; oz., \$6.00.

Early Snowball. 54 days. Fine for either forcing under glass in cold frames or outdoor spring planting. Magnificent, medium sized, white heads. Pkt., 25c; trade pkt., 75c; ¼ oz., \$2.00; ½ oz., \$3.75; oz., \$6.00.

Michell's Earliest Snowstorm. 54 days. Colossal heads of purest white, often 10 inches in diameter. Especially desirable for its earliness under glass, but does equally well in late spring, summer or autumn outdoors. Pkt., 25c; trade pkt., 75c; ¼ oz., \$2.00; ½ oz., \$3.75; oz., \$6.00.

New White Wonder. 55 days. An improved strain developed and bred for the critical grower. We have reports that it is 10 days earlier than Snowball. Good sized, very solid heads, fine grained, pure snowy white which does not turn yellow, even in the bright sunlight. Pkt., 25c; trade pkt., 75c; ¼ oz., \$2.00; ½ oz., \$3.75; oz., \$6.00.

Snowdrift. 55 days. One of the best varieties for shipping long distances. Plant of medium height with upstanding, medium green outer leaves. Head slightly larger than Snowball, firm, solid, very white, well protected by inner folding leaves; curd has fine texture and is free from small protruding leaves. Pkt., 25c; trade pkt., 75c; ¼ oz., \$2.00; ½ oz., \$3.75; oz., \$6.00.

Super Snowball. 55 days. A highly desirable main-crop variety; also used for early planting. Starts heading early and uniformly. Heads medium large compact, very white. Much used by produce growers and shippers. Pkt., 25c; trade pkt., 75c; ¼ oz., \$2.00; ½ oz., \$3.75; oz., \$6.00.

Veitch's Autumn Giant. 85 days. A very desirable, large, late variety. Pkt., 15c; trade pkt., 30c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

Celery

Celeri (Fr.) **Sellerie** (Ger.) **Sedano** (Ital.)
One ounce will produce 3000 to 5000 plants;
½ pound will sow on acre.

Sow in hotbeds in March, or in open ground in April. See that no weeds infest the seedbed. When 3 inches high, transplant in a bed outdoors in rows 3 inches apart each way; let them remain there until July, when they should be planted where they are to mature, in rows 3 feet apart, 6 inches apart in the row. Celery plants, if topped a few times, before and when transplanted into their permanent growing place, will make shorter, stockier plants.

Seeds offered on this page mailed postpaid at quoted prices.

Michell's Super Fullheart. 107 days. During our search for the best, we found this strain of Easy Blanching or Fullheart to be unsurpassed. Medium tall, compact, heavy, firm and crisp stalks. Excellent for hearts. Show considerable resistance to heart and root rot and blight. Pkt., 15c; large pkt., 30c; ¼ oz., 80c; ½ oz., \$1.50; oz., \$2.00; ¼ lb., \$5.50.

Michell's Super Pascal. 137 days. This is by far the finest strain of Pascal Celery obtainable. Resistant to blight. Much heavier stalk than Giant Pascal. Stems entirely stringless. Stalks 22 to 24 inches tall. Pkt., 15c; large pkt., 30c; ¼ oz., 80c; ½ oz., \$1.50; oz., \$2.00; ¼ lb., \$5.50.

Michell's Super Plume. 114 days. Like all Michell's Super Strains of Celery, this is the result of years of careful and rigid selection. We know these strains are superior, as they have repeatedly proven themselves in trials. Will grow 24 to 26 inches tall, with heavy, stringless, crisp, superbly flavored, 9-inch stems. Withstands blight and other Celery diseases far better than most strains. Pkt., 15c; large pkt., 30c; ¼ oz., 80c; ½ oz., \$1.50; oz., \$2.00; ¼ lb., \$5.50.

Easy Blanching. 110 days. (Usual Strain.) An excellent early variety, being ready in October. Enormous, very crisp stalks. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

Emperor. 126 days. Dwarf growing, very brittle, and of extra fine flavor. A good winter keeper. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

Golden Plume. 115 days. (Usual Strain.) Matures early and blanches quickly. Crisp, tender, stringless stalks of finest flavor. Pkt., 10c; ½ oz., 40c; oz., 60c; ¼ lb., \$1.75.

Golden Self-Blanching. 114 days. (American Grown Seed.) One of the earliest and most productive sorts. The beautiful golden stalks attain a height of 1½ feet, are never pithy, and of excellent flavor. Ready in October, but may be kept for early winter use. Pkt., 10c; ½ oz., 40c; oz., 60c; ¼ lb., \$1.75.



Super Snowball Cauliflower

Giant Pascal. 138 days. Thick, meaty, tender stalks of unsurpassed flavor. One of the best because of its long season, being fit for use in October and keeps well into spring. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

Salt Lake or Utah. 127 days. An excellent green variety for all uses. Matures about a week or ten days earlier than Giant Pascal. Plants compact and exceptionally solid. Stems thick, well rounded, of fine quality, and rich nutty flavor. Pkt., 10c; ½ oz., 40c; oz., 60c; ¼ lb., \$1.75.

White Plume. 112 days. The standard early Celery for market and the home garden. The stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Ready early in November. Pkt., 10c; ½ oz., 40c; oz., 60c; ¼ lb., \$1.75.

Winter King. 136 days. Perfectly solid, crisp, and of delicious flavor. Good keeper. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

Winter Queen. 132 days. A medium tall, solid variety that will retain its qualities long through the winter. The heart is very full and large. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60.

Celery Plants

Ready in July

Leading varieties. See page 17.
100, \$1.00; 1000, \$8.50.

Celeriac

This is a two-purpose vegetable; the leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled, and served as a salad.

Giant Prague. 112 days. Pkt., 10c; ½ oz., 40c; oz., 60c; ¼ lb., \$1.75.

Celery for Flavoring

Not for sowing. ¼ lb., 60c; lb., \$1.75.

Chives - Schnittlauch

Indispensable for flavoring certain dishes, imparting a mild taste of onion. The plants are hardy and will last for years. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen.

Seed. Pkt., 25c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

Strong Plants. Each 25c; doz., \$2.50; 25 for \$4.50.

Chicory

One ounce will sow a row 100 feet long.

Witloof or French Endive. 145 days. The roots are easily produced from seed, sown in May or June. Sow a row 1 foot apart; thin out the plants to 2 to 3 inches. They are taken up after a few hard frosts and cured for the same as turnips or similar crops. Used only as a winter vegetable, the top part only being edible. Plant under a bench in the greenhouse or a light, dry, warm portion of a cellar in a bed of rich garden soil 1 foot deep. Place about 6 inches apart each way. The top growth remains intact, and may be cut any time after 5 inches of growth. Roots should be set in the soil the same depth as they were originally in the garden. A cold frame makes also an ideal place for forcing them in the late winter or early spring months. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.

Collards

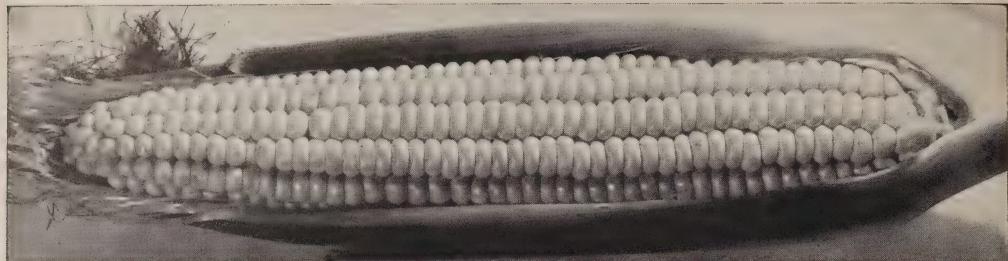
One ounce of seed will produce 3000 plants.

Extensively grown in the South and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used; new ones then form on the upper part of the stem, which increases in height. Planted much like cabbage.

Georgia or Southern. 75 days. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.80.

Cabbaging. 70 days. A rich, tasty green, long grown in the South, rapidly gaining in popularity in the North. Medium tall with clusters of loose-folding, tender leaves which can be picked as needed. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.80.

ALL PRICES SUBJECT TO MARKET CHANGES



Golden Cross Bantam

Michell's SELECTED SWEET SUGAR CORN

Mais (Fr.)

Mais (Ger.)

Grano Turco (Ital.)

One pound will plant about 150 hills; 12 to 15 pounds, an acre.

Plant once a week from the time the ground is permanently warm until July 15, 6 to 8 grains in a hill 3 feet apart each way, and thin out when 4 inches high to 3 or 4 plants to the hill, or plant in rows 3 feet apart and thin out so the plants stand 1 foot apart. Early varieties should be planted for a late crop to be sure of maturity.

Prices quoted on Sugar Corn are prepaid in quantities up to 5 pounds to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities shipped at purchaser's expense.

Early Varieties

Golden Bantam. 79 days. While yellow in color this is one of the sweetest and earliest varieties. Ears medium size; kernels tender and delicious. We recommend it very highly for the home garden. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Golden Giant. 87 days. Ears about 11 inches long, well filled out from butt to tip with deep golden yellow grains. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 5 lbs., \$1.50.

Golden Sunshine. 74 days. Matures 7 to 10 days before Golden Bantam. Dwarf habit. Ears 6 1/2 inches long with 12 rows of broad, yellow, sweet grains. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Vanguard (Improved Howling Mob). 23 days. Height of stalk 5 to 5 1/2 feet. Ears medium in length, thick, averaging 6 to 7 inches, short pointed; grains of average length, white, mostly in 12 to 16 rows. About a week to ten days earlier than Howling Mob. A favorite in New Jersey for a first early Sweet Corn. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Whipple's Early Yellow. 87 days. Produces a large ear of exceptional quality. Stalks large, often producing two marketable ears 8 to 9 inches long with 14 rows of broad, deep kernels. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 5 lbs., \$1.50.

Medium Varieties

Bantam Evergreen. 95 days. A yellow variety much longer than Golden Bantam and claimed to be more productive and much earlier. An excellent variety for mid- and late-season planting. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Black Mexican. 88 days. The grains of this medium early variety cook white when young and a violet shade on the outside when older, but are good in both stages. Ears medium size. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Early Evergreen. 90 days. Resembles Stowell's Evergreen, but ripens 10 days earlier. Large, well shaped ears, with deep grains. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Howling Mob. 83 days. Fine for the market gardener, as well as for home use. Might be classed worm-proof, since the husk covers the ear completely. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Kendel's Early Giant. 72 days. Large, very cylindrical ears, with deep, extra sweet grains. An ideal sort for the first and last planting. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Late Varieties

Country Gentleman. 95 days. A distinct sort, with deep, fine grains irregularly placed on the cob. In sweetness it is unsurpassed. Ears large. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Stowell's Evergreen. 95 days. The best late Corn grown. Ears extra large, and produced in abundance. Its sweetness is unexcelled. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

Hybrid Sweet Corn

Aphagold. 60 days. A very fine Corn of outstanding quality. Four days earlier than Golden Bantam and generally twice as productive, the distinctive 8 inch, 12-rowed ears command a premium on the market. We have never seen its equal, and it holds this fine quality two to three days longer than other Corns. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Aristogold. 83 days. Very satisfactory. It is tender, exceptionally well flavored, and produces a heavy crop. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Carmelross. 75 days. A new development by the Connecticut Agricultural Experiment Station, and recommended for the northeastern States. Ears average 12 rows. Resembles Marcross but is later in maturing. Excellent quality. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Golden Cross Bantam. 85 days. This hybrid of the Bantam type grows much larger stalks than the regular Bantam strain. Ears are 7 to 8 inches long, with 12 to 14 rows of fair-sized kernels. Ready for use in about 85 days from planting. Pkt., 15c; 1/2 lb., 30c; lb., 55c; 5 lbs., \$2.50.

Hybrid Stowell's Evergreen Corn. 93 days. Hybrid Stowell's Evergreen is recommended for the main and late crop. Compared with the open-pollinated type it makes a better root growth, a stouter stalk, is disease-resistant. Plant Hybrid Stowell's Evergreen for your main crop. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Lincoln. 83 days. 1942 Winner Bronze Medal. Tastiest ear of Corn grown today. Developed for home and market gardens. Stalks sturdy, highly resistant to Stewart's disease. Ears 12 to 14-rowed, well filled at tips; kernels golden yellow, of medium length and good flavor. Very prolific. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Marcross. 76 days. Stalks short but sturdy, highly resistant to Stewart's disease. Ears long, plump, abruptly tapered at tips, 10 to 14-rowed, with light cream-yellow, medium-broad kernels of good quality. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Silver Cross Bantam. 82 days. Breeders said it couldn't be done, but this snowy white counterpart to Golden Cross Bantam brings all the quality, flavor, and tenderness of the fancy yellow corn in the white cross for the first time. The heavy 12 to 14-rowed ears are somewhat larger than Golden Cross type and the 7 to 8-foot stalks are exceptionally clean and free from suckers. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Spencross. 73 days. Stalks of medium height. Ear well filled, uniform, attractive, having 10 to 14 rows of golden yellow kernels of good quality. Pkt., 15c; 1/2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

Pop Corn (Shelled)

Queen's Golden. Pops white.
Snowflake. 1 lb., 20c; 3 lbs., 55c.

Corn Poppers

Made of the best quality wire. Price includes handle and lid. 1-qt. size, 25c; 2-qt. size, 50c.



Queen's Golden Pop Corn

Do you grow Chicory? It is delicious in winter, especially for salads

Michell's Cucumbers

Concombre (Fr.) **Gurken** (Ger.)
Cetriolo (Ital.)
 One ounce will sow 60 hills; 2 to 3 pounds, on an acre

Plant when the ground has become thoroughly warmed, in hills 4 feet each way, 8 seeds in a hill. When the second set of leaves has formed, thin out to 4 plants in a hill. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Arsenate of Lead; when this is used, always wash the fruits thoroughly before using. If the foliage is attacked beneath by aphids or green fly, a spraying with Black Leaf 40 is usually very effective.

A & C Cuke. 67 days. A proven leader for both home garden and market garden use. Fruits nearly cylindrical 2 3/4 inches in diameter, 9 to 11 inches in length. Seed cavity exceptionally small. Very good slicer. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.

Arlington White Spine. 62 days. This is the leading sort for the home or market garden, and with those who make a specialty of growing them under glass. Fruits smooth, deep green to the tip, and measure uniformly 8 inches in length. It has few seeds, making it valuable for slicing or pickling. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Colorado. 68 days. Long; green. Popular because of excellent shape and good color. Unusually productive and highly resistant to disease. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.

Davis Perfect. 65 days. Fruits uniform in shape and size, often measuring 10 to 12 inches in length, dark green all over, quite smooth. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Early Fortune. 64 days. One of the finest Cucumbers of the White Spine type. The medium length, dark green fruits hold their color for a long time after pickling; flesh white, very crisp. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Early Market. 60 days. A new dark green variety of uniform shape and size, averaging 8 inches in length. Excellent for slicing. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Gherkin or Burr. For pickling only. The small fruits are about 2 inches long, of thick, rounded form, very prickly when green. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.

Improved Long Green. 67 days. Well known standard variety. Its dark color makes it desirable for market. The vines are vigorous and productive. Fruits are formed almost as early as the short sorts and average 1 foot in length. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.

Michell's Forcer. 72 days. Extra long, dark green, fine quality. Handled properly will average 2 3/4 inches in diameter and 15 inches in length. Suitable for both greenhouse forcing and outdoor culture. Quality and color stand up well in transit. Pkt., 15c; oz., 60c; 1/4 lb., \$1.80; 1/2 lb., \$3.50.

Straight 8. Fine dark green color, free of white tips. Grows 8 inches long by about 1 1/2 inches thick and is of remarkably uniform straight shape. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Climbing. 66 days. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra long, light green fruits in abundance. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

National Association Pickling. 56 days. A highly desirable, very extensively used pickling strain developed at the Michigan Agricultural College in collaboration with the National Pickle Packer's Association. Fruits dark green, symmetrical, with thick walls, fully ended, slightly shorter than Chicago Pickling. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Coriander

Herb used for flavoring, etc. Pkt., 25c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 90c.

English Forcing Cucumbers

These are fine for growing in hotbed frames during the summer months in preference to the open ground. They may also be grown under glass in greenhouses during the winter, producing enormous fruits, generally 1 1/2 to 2 feet long and 3 inches in diameter. They have a delicate flavor and very few seeds; for slicing, no other sorts can approach them.

Lockie's Perfection. A favorite standard variety. Pkt. 10 seeds, 25c; 100 seeds, \$2.25. **Sion House.** Pkt. 10 seeds, 25c; 100 seeds, \$2.25.

Telegraph. Smooth fruits, 14 to 16 inches long. Pkt. 10 seeds, 25c; 100 seeds, \$2.25. **Tender and True.** Long. Pkt. 10 seeds, 25c; 100 seeds, \$2.25.

Not available for the duration.

Upland Cress

Sow thickly in early spring, in drills 1 foot apart, and follow every two weeks, up to August 1, with a new sowing. It is prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Upland. 45 days. Pkt., 15c; 1/2 oz., 20c; oz., 30c.

Water Cress

This may be sown early in spring near the brink of a pond of spring water or stream of running water. Scatter the seed and it will sprout and grow rapidly; once established, it remains for years, reseeding itself.

True Erfurt. Pkt., 20c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

Dandelion

Pissenlit (Fr.) **Loewenzahn** (Ger.)

Dente de leone (Ital.)

Seed should be sown in spring, in a bed where the plants should remain for the season; late in the fall, cover the bed with a movable sash or leaves or salt hay for protection.

Italian. (*Cichorium Catalogna*). A new introduction in this country and in great demand as greens. The main stalk produces leaves resembling the broad-leaved variety, but much greater in length. It is cut and bunched same as asparagus. Pkt., 15c; oz., 50c.

Thick-Leaved or Cabbaging. This is far superior to the common variety, having much broader and longer foliage. We offer a very fine stock. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.75.

Arlington Thick-Leaved (French Broad-Leaved). The most popular variety. Plant rather upright, forming a 20-inch rosette of large, broad leaves which are thick and easily blanched. Also known as Improved Thick-Leaved. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.75.

Common French. Low-growing type, early and hardy. Plants spread 16 to 20 inches, with closely formed center and fairly large, cut leaves. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.75.

Fennel

Finochino or Florence. Herb. Pkt., 25c; 1/4 oz., 30c; oz., 90c; 1/4 lb., \$1.00.

Sweet. Herb. Pkt., 25c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$1.00.

Herbs

See complete list on page 17.

Garlic Sets

All (Fr.) **Knoblauch** (Ger.) **Aglio** (Ital.)
 One pound will sow 200 feet of row

A hardy flavoring Onion, used extensively in the French method of cooking. Lb., 40c; 5 lbs., \$1.80; 10 lbs., \$3.50.



A & C Cucumber

Dill

An herb used extensively for culinary purposes and for putting with Cucumbers when pickling. Grows 2 1/2 feet high. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Endive - Chicory

Chicoree (Fr.) **Endivien** (Ger.)
Indivia (Ital.)

One ounce will sow 200 feet of row

Sow from June to August, in shallow drills; when 2 inches high, thin out to 10 inches apart. When well developed, tie the plants together at the top, to blanch the inner leaves; do not tie up when the leaves are wet. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they may be lifted late in autumn and placed in a dry, cool cellar, covering the roots with soil.

Full-Heart Batavian. 71 days. (*Escarole*). Leaves broad, light green, nearly plain. Pkt., 10c; oz., 25c; 1/4 lb., 80c.

Giant Fringed. 76 days. Oyster Endive. Large, white heart and broad, fringed leaves. Heads measure 15 inches in diameter. Pkt., 10c; oz., 25c; 1/4 lb., 80c.

Improved Green Curled. An improvement over the common green variety, producing a larger head and thicker leaves. Pkt., 10c; oz., 25c; 1/4 lb., 80c.

White Curled. 73 days. (Self-blanching). This is the finest White Curled variety; always crisp and tender. Pkt., 10c; oz., 25c; 1/4 lb., 80c.

Eggplant

Aubergine (Fr.) **Eierplantzio** (Ger.)
Petocianico (Ital.)

One ounce will produce 1000 to 2000 plants. Sow seed in March in bottom heat and when 3 inches high transplant into boxes and small pots. Plant outdoors in May or June or after the weather has become permanently warm in rows 3 feet apart, with the plants set 2 feet apart in the row.

Black Beauty. 80 days. An extra-early, large, almost black variety with few seeds. Very prolific. Pkt., 10c; 1/2 oz., 50c; oz., 85c; 1/4 lb., \$2.50.

Florida High Bush. 85 days. A prolific high bush type, bearing its dark purple fruits well above the ground. Has proven a good shipper. Gaining in popularity. Pkt., 10c; oz., 85c; 1/4 lb., \$2.50.

New York Improved. 83 days. An old standard sort that is quite large and more elongated than Black Beauty, with a rich purple color. Pkt., 10c; 1/2 oz., 50c; oz., 85c; 1/4 lb., \$2.50.

Eggplant Plants

Ready May 15

New York Improved and **Black Beauty.** Pot-grown. Doz., \$1.00; 100, \$8.50. Not available.

Hop-Vine

Besides being used for culinary and medicinal purposes, this makes a valuable shade plant. It is hardy and rarely winter-kills. The Hops are gathered about September and stored for use on a dry floor, or hung in bags.

Green Variety. Pot-grown plants. 30c each; doz., \$3.00.

Fresh, crisp Lettuce! One of the finest of all green vegetables

Horseradish Roots

(Ready in March)

Set the roots in rows 2½ feet apart, 1½ feet apart in the row. Later in the fall lift as many roots as you think you will use, cut off the tops and place in a cool cellar, covered with soil or sand.

Maliner Kren. A quick-growing variety far superior to the common sorts. Large cuttings. Doz., 50c; 100, \$2.00; 1000, \$15.00.

Kale - Borecole

Chou Vert (Fr.) **Blatterkohl** (Ger.)
Cavolo Verde (Ital.)

One ounce will sow 150 feet of row

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 feet apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition.

Dwarf Blue Scotch. 55 days. A hardy strain with finely curled foliage having a distinct blue tinge. Pkt., 15c; oz., 30c; ¼ lb., 90c.

Dwarf Green Curled. 55 days. Very dwarf and compact, rarely attaining a height of over 6 inches. Dark green; very curly. Pkt., 15c; oz., 30c; ¼ lb., 90c.

Imperial Long-Standing. 65 days. The outer edges of the leaves are very crimped, inside smooth, dark green, with bluish cast. Hardy and productive. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Siberian. A very hardy variety with large leaves that cook very tender. Pkt., 10c; oz., 25c; ¼ lb., 75c.

Kohlrabi

Chou Rave (Fr.) **Kohlrabi** (Ger.)
Cavolo rapa (Ital.)

One ounce will sow about 200 feet of row;
3 pounds, an acre

Sow seed in early spring, in hotbeds or outdoors, and transplant when 3 inches high, in rows 1½ feet apart, 6 inches apart in the row. The edible part is the root, which should be used when it attains a size of 2½ inches in diameter or less, when it is extremely tender.

Purple Vienna. 62 days. Flesh white; skin a bluish color. Used for outdoor sowing. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Early White Vienna. This variety is suited for sowing under glass or outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25.

Leek

Poireau (Fr.) **Lauch** (Ger.) **Porro** (Ital.)
One ounce will sow about 100 feet of row.

Allied to the onion family, but producing no bulb. Sow seed in April in rows 1 foot apart, covering the seed about an inch; when about 4 inches high, transplant where they are to grow, in rich soil in rows 1½ feet apart, 6 inches apart in the row.

American Flag. 142 days. Popular for the home garden. Makes a longer but narrower stalk than others. Pkt., 15c; ½ oz., 75c; oz., \$1.25; ½ lb., \$3.75.

Giant Carentan. 150 days. Produces colossal stalks of tender quality. Excellent for exhibition purposes. Pkt., 15c; ½ oz., 75c; oz., \$1.25; ¼ lb., \$3.75.

Lavender

Herb whose fragrant dried flowers are used in sachets.

SEED. Pkt., 25c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.75.

PLANTS, pot-grown. 3 for \$1.15; 12 for \$4.00.

Mint

Herb used for flavoring. Pkt., 25c; large pkt., 60c.

Mint Plants (Pot-grown)

Peppermint. 3, \$1.15; 12, \$4.00; 25, \$7.50.

Spearmint. 3, \$1.15; 12, \$4.00; 25, \$7.50.

Lettuce

Laitue (Fr.) **Lattich Salat** (Ger.)
Lattuga (Ital.)

One ounce will produce about 2500 plants

Heading Varieties

For the first outdoor crop, seed is usually sown in hotbeds in February or March and transplanted to the garden in April in rows 1½ feet apart, 8 to 12 inches apart in the row. For a succession, sow in drills in the open ground at intervals of two or three weeks and thin out to 8 inches apart. For plants to force in hotbeds from November until spring, sow seeds in hotbeds in the fall. Where it is difficult to have the heading varieties develop properly on account of soil condition, we recommend using loose-leaf varieties.

All Heart. 71 days. An excellent Lettuce for either spring or summer use. The head, while large, has a loose heart of a decided buttery flavor. Can be used for sowing in frames. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Big Boston. 75 days. A large, flat, cabbage-headed variety, excellent for midsummer or fall use, or under glass in early spring and autumn. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Boston Market. 73 days. (White-seeded Tennisball). Early, small heading variety. One of the best for forcing. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Cosberg. 76 days. A home-garden variety with ability to head in summer weather and resist tip-burn. Heads small and compact; outer leaves light yellowish green, crumpled and frilled. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Iceberg. 84 days. A fine variety, producing large, solid, cabbage-like heads, firm, crisp, and of fine flavor. Leaves curly, slightly tinged red. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Imperial No. 44. 82 days. This variety has very long, well folded leaves and produces hard, well formed heads appreciably less susceptible to tip-burn than other varieties. Pkt., 10c; oz., 35c; ¼ lb., \$1.15.

Imperial No. 847. 84 days. Originally developed as a brown-blight-resistant variety for summer planting in California, has in recent seasons given most satisfactory results in other sections. Heads are medium large, hard, fine and well covered by the inner leaves. Pkt., 10c; oz., 35c; ¼ lb., \$1.15.

Improved Hanson. 80 days. Tremendous, solid heads with outer leaves curled and interior almost white and very tender. Resists the heat well. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

May King. 63 days. The first solid head Lettuce to mature outdoors. It is of good size, tender, full heart. Suitable for sowing under glass in early spring. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Michell's No. 1. 70 days. A good variety for summer use as it resists the hot sun better than most sorts. Heads unusually large, tender, and of a delicious buttery flavor. We do not recommend it for forcing. Pkt., 15c; oz., 35c; ¼ lb., \$1.15.

New York or Wonderful No. 12. 80 days. This is a leader of the cabbage-headed sorts. Heads large, dark green, with white interior and curled outer leaves. Pkt., 10c; oz., 35c; ¼ lb., \$1.15.

White Big Boston. 72 days. A new heading variety which resembles Big Boston in size, solidity and general appearance, but it lacks the brown edge so common in that variety. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Loose-Leaf or Cutting Varieties

For early or midsummer use, seed should be sown very thickly. When pulling the young plants, try to do so carefully, with an effort to thin out the bed, thus allowing the remaining plants to become large.

Black-Seeded Simpson. 46 days. Ideal for midsummer use. When matured, presents a formidable loose head with finely fringed leaves. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Early Curled Silesian. 45 days. This variety should be cut instead of pulled, as it makes new growth from the same root. Leaves light green. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Early Curled Simpson. 45 days. An excellent, curly-leaved sort; loose heads and very tender. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Grand Rapids. 43 days. The leading variety in this class for forcing under glass, but may also be grown successfully outdoors. Leaves are very curly, crisp and brittle. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Lettuce Plants

We can supply these in heading varieties only, of our selection. 25 plants, 35c; 100, \$1.25; 1000, \$10.00.

Chicken Lettuce

An excellent green for poultry or rabbits. Grows 18 to 20 inches high. Ready for cutting 40 to 45 days after sowing. Sow seed in rows or broadcast early in spring. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Romaine or Cos Lettuce

This type, of French origin, differs greatly from the American varieties by its peculiar, upright growth. To produce tender heads, the outer leaves must be tied together at the top so that the inner ones blanch. It has a decided flavor. Best adapted to outdoor planting and stands the heat well.

Dark Green Cos. 66 days. Similar to the White Cos but darker green leaves. Inner leaves bleach a creamy to golden yellow with Endive-like flavor. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Paris White Cos. 66 days. White seed. Strong grower and very productive, with long, shell-shaped, medium green leaves of most excellent quality. A self-folder, but when plant is over half grown it is best to tie it up with string so that the inner leaves may be blanched perfectly white. Head 8 to 9 inches high, long loaf-shaped. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

Michell's Pure Culture Mushroom Spawn

This Spawn is made in quart milk bottles under absolutely sterile conditions, so that every mould, weed, seed, or insect is destroyed, and each bottle contains nothing but pure Spawn. One carton equals 5 bricks of ordinary Spawn and is sufficient to spawn about 40 square feet. The Spawn is dried thoroughly and wrapped in paper, with full directions how to grow mushrooms, and packed in cartons. Carton, \$1.25; 10 cartons, \$12.00; 25 cartons, \$29.25.

How to Grow Mushrooms

BY FALCONER

170 pages. Price, \$1.75

Pure Culture Brick Spawn

One brick will spawn 8 to 10 square feet. Ask for our Free Leaflet on Mushroom Culture.

Pure White. Brick, 35c; 5 bricks, \$1.50; 10 bricks, \$2.75; 25 bricks, \$6.50; 50 bricks, \$12.50.

Mushroom or Hotbed Thermometers

No. 20450. Iron point; oxidized finish. Price, \$4.00.

Thermometers should, wherever possible, be sent by Express. We do not guarantee safe arrival if forwarded by Parcel Post.

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO.

Muskmelon

Melon Muscade (Fr.)

Melone (Ger.)

Popone Melone (Ital.)

While these do best in a light, sandy loam, any good, well prepared garden soil suits them. Plant when the ground has become permanently warm, in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves has formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with Arsenate of Lead or some of the various Nikotene preparations.

Emerald Gem. 85 days. Flat; sweet, rich salmon flesh that ripens close to the rind. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Fordhook. 88 days. Flat; flesh salmon-orange, very sweet. Fruits large, often weighing 2 pounds each. Early and very prolific. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Hale's Best. 82 days. Heavily netted fruits with salmon-color flesh; oval form; fine quality. Excellent for long-distance shipping. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Hearts of Gold. 90 days. Midseason. Round fruit, distinctly ribbed; thick, deep salmon flesh of excellent flavor and can be eaten close to the rind. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Honey Dew. 112 days. Matures late. Fruits large—6 inches in diameter and 7 to 8 inches long—with smooth, creamy white skin with occasional netting. Thick, emerald-green flesh, melting, and of delicious flavor. Ripe melons can be kept for several weeks before using. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Honey Rock. 81 days. Medium size, round as a ball, and with a coarse netting. Flesh thick and of a deep orange color. Ripens early and has proved to be very productive. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Michell's Delicious. 83 days. Large fruits often weigh 15 to 20 pounds. Flesh is deep orange-salmon of fine quality. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Pride of Wisconsin. 90 days. A new introduction with considerable merit. The rind is a gray color, with a distinct netting. Flesh is unusually thick and of very good flavor. Carries well in shipping. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.

New Surprise. 90 days. A large variety, often weighing 8 to 9 pounds, oval in shape, with prominent ribs. The green skin is slightly netted, turns to cream color as it ripens. Flesh bright salmon color, thick and sweet. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Rocky Ford. 92 days. Medium-early variety. Fruit oval, covered with a fine netting, flesh green, very sweet, highly flavored. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Mangel-Wurzel. See page 46.



Honey Rock Muskmelon

Watermelon

Melon d'eau (Fr.) Wasser Melone (Ger.)

Melone d'acqua (Ital.)

One ounce will sow 30 hills; 4 pounds, an acre

Plant in hills 8 to 10 feet apart each way, 8 to 10 seeds in each hill, covering 1/2 inch deep. When well established, thin out to three or four of the strongest plants to each hill. A little lead placed buried over the young plants will keep beetles away. Watermelons should not be planted until after the soil has become thoroughly warm. We offer the varieties which we know are the better ones.

Halbert Honey. 82 days. The long fruits with blunt ends are very large, often weighing 50 pounds. Rind is thin, dark green; flesh rich crimson and sweet. It is altogether a first-rater. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

Harris' Earliest. 75 days. Ripens early and on this account is one of the best for the northern states. Fruit oblong, mottled, light and dark green; flesh bright red and of good quality. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

Kleckley Sweets. 85 days. Has a luscious tenderness all its own. Not a shipping variety, as the rind is too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

Stone Mountain. 80 days. A good market and home garden variety. Round, slightly elongated, with light green skin and sweet flesh. Average weight 40 to 50 pounds. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

Tom Watson. 95 days. A handsome, large fruit, frequently 2 feet long and 1 foot in diameter; dark green rind and bright scarlet flesh; excellent texture and flavor. Nothing can touch it for shipping qualities. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

WATERMELON SEEDS. For medicinal purposes. Lbs., 85c.

Preserving Melon (Citron)

California Red-seeded. 85 days. A large-fruited variety with pure white flesh and thin rind. Preserved melon is expensive when bought, yet melons can be grown and preserved by any energetic housewife. It is planted like watermelon. Pkt., 10c; oz., 15c; 1/4 lb., 35c.



Tom Watson

Melon Nets

For supporting forcing melons in greenhouses. Made very strong; will last for a number of crops. Doz., \$2.50; 100, \$18.00.

Mustard

One ounce will sow 75 feet of row

Makes a delicious green salad, pungent in taste, highly palatable, and healthful. Sow every two weeks in rows the same as spinach. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring. If the plant is allowed to stand, the seed can be harvested and used for other culinary purposes.

Fordhook Fancy. 65 days. Produces a large crop of leaves resembling an ostrich plume, which are of mild flavor. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25.

Southern Giant Curled. 65 days. The best of the curled Mustards. Sweet flavor. Matures very early and produces abundant foliage. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

Tendergreen or Spinach Mustard. 40 days. A mild-flavored, dark green smooth-leaved type. Foliage is prepared for the table the same as Spinach or Turnip greens. The leaves can be cut throughout the entire growing season. Resistant to heat and drought. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.

ALL PRICES SUBJECT TO MARKET CHANGES

Okra or Gumbo

Gombaud (Fr.) Ocher (Ger.) Okra (Ital.)
One ounce will sow about a 100-foot row

Sow seed thickly after frost and cold have disappeared, in rows 3 feet apart; when about 6 inches high, plants should be thinned out to stand 1 foot apart in the row. The seed is used when young and tender, sliced in soups and stews; when not utilized during the summer may be harvested, cut in slices, dried in the sun, and used during the winter.

Clemson Spineless. 55 days. A.A.S. Silver Medal Winner. A uniform spineless strain of the Perkins long-podded type. Good quality, pods 8 to 9 inches long. Plants 4 to 5 feet tall. Pkt., 10c; oz., 15c; 1/4 lb., 45c.

Dwarf Long Green Podded. 51 days. Fine quality pods, somewhat smaller than the Clemson. Plants much smaller. Popular market garden and home garden variety. Pkt., 10c; oz., 15c; 1/4 lb., 45c.

White Velvet or Creole. 60 days. Pods are very free from ridges, almost perfectly smooth, tender; light green, almost white. Pkt., 10c; oz., 15c; 1/4 lb., 45c.

Onions need but little space yet they yield enormous returns

Michell's Select Onion Seed

Onion (Fr.) **Zwiebel** (Ger.) **Cipolla** (Ital.)

For full-size Onions, one ounce will sow a 100-foot row; 5 to 6 pounds, an acre. If it is desired to grow Onion Sets, sow 40 to 50 pounds per acre.

Sow in the early spring, in rows 2 feet or less apart, according to cultivation method employed. Seed should be firm in the soil. If it is desired to grow full size Onions the first year, thin out when 3 inches high, so that they stand about 3 to 4 inches apart. White Onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Bermuda White. 93 days. Light yellow or straw color. It is early, and if transplanted about 4 inches apart, will produce immense, flat bulbs. In the raw state it is very mild, and when cooked the flesh is tender and of a delicious flavor. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.70.

Early Yellow Globe. 98 days. A recent introduction that appears to have merit. It matures ten days to two weeks earlier than Southport Yellow Globe. The bulbs are of good size, globe to flattened globe in shape and straw-yellow in color. Skin is tough and the bulb is a better keeper than most other early varieties. Where quick-maturing early Onions are wanted, this variety should be tried. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.70.

Ebenoxer. 100 days. Excellent Onion for winter storage. Popular for growing sets. Yellow outer skin, white, mild flesh. Bulbs are large, somewhat flattened. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.

Prizetaker. 105 days. If sown thinly produces full-sized Onions in one season from seed, rivaling the Bermuda varieties for size and flavor, often weighing 3 pounds or more each. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.70.

Southport Red Globe. 110 days. Medium to large and of average earliness; smooth, deep purplish red skin; flesh mild, fine-grained, and tender. An excellent keeper. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.

Southport White Globe. 110 days. A round Onion, growing to an enormous size. The flesh, when cooked, is a rich milky color, tender, and of delicious flavor. In the raw state it is one of the mildest Onions. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.70.

Southport Yellow Globe. (Brigham Strain.) 115 days. Similar to the Danvers Yellow Globe, except that it is larger. A uniform-growing variety, every bulb being almost perfectly round and of the same size. Light straw-colored skin. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.

Sweet Spanish. (Riverside Strain.) 100 days. Large, globe-shaped, sweet variety, with golden yellow skin. An excellent keeper. Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.70.

White Bunching. 60 days. An extra-fine variety for early spring and summer use. Sown early in the spring will produce long green scallions which blanch white and remain tender for a long time. They do not form a bulb on the bottom. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.

White Portuguese or Silver Skin. 100 days. The standard white Onion for market or home use. Mild-flavored, semi-globe shaped Onion, very uniform in growth and size. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.

Yellow Globe Danvers. 110 days. This almost round Onion is extensively sown by private and market gardeners on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.



White Bunching Onions

Onion Sets

One quart will plant about 50 feet of row

Plant as soon as the ground can be worked. Press the bulb in the ground lightly (do not cover), in rows 1 foot apart, 2 inches apart in the row. So that all the development goes in the Onion, on signs of their going to seed, bend the top over, but do not break it off. The advantage in planting Onion Sets lies in the fact that the young Onion often is ready five weeks from the time of planting, while those grown from seed cannot be used until well into the autumn.

Shipped on local orders about March 10, unless otherwise requested.

Yellow. 1 lb., 40c; 1/2 pk., \$1.20; 1 pk., \$2.25.

White. 1 lb., 45c; 1/2 pk., \$1.50; 1 pk., \$2.75.

Red. 1 lb., 45c; 1/2 pk., \$1.50; 1 pk., \$2.75.

White Multiplier. 1 lb., 45c; 1/2 pk., \$1.50; 1 pk., \$2.75.

Potato Onions. 1 lb., 40c; 1/2 pk., \$1.20; 1 pk., \$2.75.

Shallots. 1 lb., 45c; 1/2 pk., \$1.50; 1 pk., \$2.75.

Tree or Top Onions. Ready latter part of August.

We give 32 pounds per bushel on Onion Sets.

We make a specialty of choice Onion Sets

Pennyroyal

Herb used in medicine. Pkt., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

Parsley

Persil (Fr.) **Petersilie** (Ger.)

Prezzemolo (Ital.)

One ounce will sow 100 feet of row

Soak the seed for a few hours in warm water, then sow in rows 1 1/2 feet apart; when 2 inches high thin out so the plants will stand 4 inches apart in the row. Ordinarily, it takes Parsley seed from 3 to 6 weeks to germinate, so that a little patience in growing this is necessary.

Champion Moss Curled. 70 days. The dark green, attractive, curled leaves and long stems make this variety suitable for bunching. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.

Double Curled or Covent Garden. 70 days. Nicely curled leaves of a deep green color make this an elegant variety for garnishing steaks and salads. Dwarf in habit. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.

Hamburg or Rooted. 90 days. The fleshy roots are used for flavoring soups, stews, etc. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.

Plain or Single. 72 days. Leaves not curled. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.

Peerless. 84 days. A fine selection of the Moss Curled strain. This strain is hardy and remains deep green when other varieties have turned yellow. Right length for bunching. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$3.00.

Parsley Plants

Ready in April

Large, specimen, pot-grown plants ready for use. 3, \$1.15; 12, \$4.00; 25, \$7.50. Not mailable.

Parsnip

Panais (Fr.) **Pastinaca** (Ger.)

Pastinaca (Ital.)

One ounce will sow 150 feet of row; 5 pounds, an acre

Sow early in spring, in drills about 2 feet apart, covering the seed lightly. When plants are 2 to 3 inches high, thin out so the roots will develop. Cultivate well.

Improved Sugar or Hollow Crown. 95 days. Roots clear white, clean, well filled, and with small core, of fine texture and free from stringiness. The shape is intermediate, shoulders wide with a deep crown. Pkt., 15c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.25.



Champion Moss Curled Parsley

Garden Peas

Pois (Fr.) Erbsen (Ger.) Pisello (Ital.)

Two pounds will sow 100 feet of row;
90 to 120 pounds, an acre

The smooth-seeded varieties may be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warm. Sow in single or double rows, 2 to 4 feet apart, according to the variety. To have a continuous crop, sow weekly up to May 15, then discontinue until August 1, when the early varieties may be sown for a fall crop.

Prices quoted on Peas are prepaid in quantities up to 5 pounds, to the First and Second Zones; for other Zones, see Parcel Post Table on page 1. Larger quantities at purchaser's expense.

Extra Early Varieties

Alaska. 56 days. 2½ ft. Smooth seeded. Very early. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

Early June. 55 days. 2½ ft. A green-seeded, smooth Pea, desirable for first planting. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

Early Eight Weeks. 50 days. Wrinkled variety, growing 12 to 15 inches high and commencing to bear 6½ weeks' after planting. A heavy cropper and especially desirable where room is scarce. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

Gradus or Prosperity. 60 days. 3 ft. A popular and very early sort producing gigantic pods and Peas. Exceedingly luscious; wrinkled. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Laxtonian. 63 days. 1½ ft. An extra-fine, early, dwarf sort with large pods well filled with Peas of extra-fine quality. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Laxton's Progress. 62 days. 1½ ft. Earlier than Laxtonian. Long pods filled with 8 or 9 large Peas of excellent flavor. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Little Marvel. 64 days. Dwarf, 18 to 20 inches. Sweet, wrinkled Peas. Prolific. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Nott's Excelsior. 62 days. 15 in. A fine early wrinkled Pea, producing heavy crops of full pods. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Special Extra Early. 55 days. 2 ft. The peer of the smooth-seeded sorts. Extremely early, lusciously sweet and tender. A grand yielder. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Thomas Laxton. 62 days. 3 ft. Exceedingly early and heavy producer of large pods filled with big wrinkled Peas of excellent flavor. Its heavy cropping qualities make it suitable for an early crop in the private garden. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

ALL PRICES SUBJECT TO MARKET CHANGES

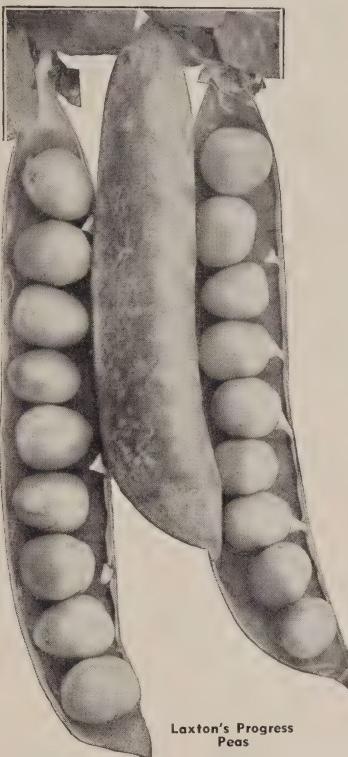
Second Early Varieties

Dwarf Telephone. 76 days. 18 in. One of the best medium-early sorts. Large pods filled with very sweet wrinkled Peas. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Sugar or Edible-Podded Peas
Large, well-filled pods cooked with the peas intact. Tender and exceedingly sweet.

Dwarf Gray Sugar. 65 days. 2 ft. Gray seed. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Tall Luscious Sugar. 74 days. 4 ft. Gray seed. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.



Laxton's Progress Peas

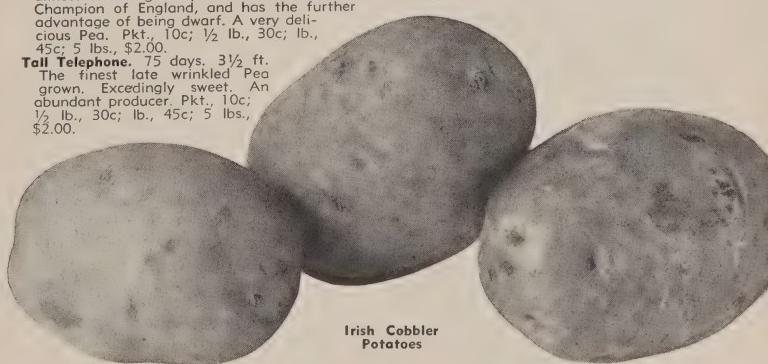
General or Late Crop Varieties

Alderman. 74 days. A giant-podded variety of the Telephone group. Vines 4½ to 5 feet tall, dark green. Pods dark green, tapered, 4½ to 5½ inches long, ½ inch wide and contain 8 to 10 Peas. Recommended for home and market-gardens and shipping. Pkt., 10c; ½ lb., 25c; lb., 40c; 5 lbs., \$1.75.

Champion of England. 80 days. 5 ft. A very tall, rank grower, but a wonderful yielder of delicious quality, wrinkled Peas. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Dwarf Champion. 70 days. 2 ft. Possesses almost all the good qualities of the famous Champion of England, and has the further advantage of being dwarf. A very delicious Pea. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.

Tall Telephone. 79 days. 3½ ft. The finest late wrinkled Pea grown. Exceedingly sweet. An abundant producer. Pkt., 10c; ½ lb., 30c; lb., 45c; 5 lbs., \$2.00.



Irish Cobbler Potatoes

Michell's Choice Seed Potatoes

Pomme de Terre (Fr.) Kartoffel (Ger.)

Patata (Ital.)

Plant one peck for 100 feet of row

Plant 12 to 14 bushels per acre

Time of Shipment. Potato shipping with us commences about March 15 (weather permitting), unless otherwise requested. We can ship at customer's risk any time during cold weather. Our Potatoes are put up in sacks of 2½ bushels each.

Beets Them All (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early Potato. Oblong in shape; quality fine. Extremely early, coming in about 7 to 10 days earlier than Early Rose.

Early Rose (Houlton or Maine). A leading variety for earliness, quality, and productiveness. Pink skin; oblong shape.

Green Mountain. An excellent general-crop variety. White; roundish-flat.

Irish Cobbler. An excellent sort, almost round in shape.

Jersey Redskin. Especially adapted for planting in light, sandy soil in late June and early July. Oval shape, medium size, and cook pure white.

Russet. An excellent late variety, claimed to be absolutely rust- and blight-proof. Oval or flat in shape; medium size.

Prices on Seed Potatoes are established about March 1

Sweet Potato Plants Ready to Use

Yellow and Red Nansemond. 100, 85c; 1000, \$6.50. Not less than 100 plants of a variety can be furnished.

We regret we cannot supply tubers of Sweet Potatoes.

FORMACIDE. For treating seed potatoes to insure against disease-producing germs and spores that are present. Apply the dust to the seed pieces at the rate of 4 ounces to 1 bushel of potatoes. ½ lb., 50c; 1lb., 85c; 5 lbs., \$3.50; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$30.00.

NEW IMPROVED SEMESAN BEL (Du Bay). For treating seed potatoes before planting. Simply mix, dip, drain, dry, and your seed potatoes are ready for planting. May be used on either whole or cut seed-pieces. Effectively controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. One pound treats 60 to 80 bushels of seed. 2 ozs., 30c; lb., \$1.65; 5 lbs., \$7.15; 25 lbs., \$33.25; 100 lbs., \$125.00.

Do you know that a few Pepper plants will supply a large family?

Michell's Peppers

Piment (Fr.) Pfeffer (Ger.)
Peperone (Ital.)

One ounce will produce about 1200 plants

Sow the seed in a hotbed or window-box about March 1. Transplant to the open ground when all danger from frost is over, in rows 3 feet apart, 1½ feet apart in the row.

Mild or Sweet Varieties

California Wonder. A fine variety of great merit. The very large fruits often weigh 8 to 10 ounces each and are of glossy green color turning later to vivid red. Flesh thick and mild in taste. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

Chinese Giant. 80 days. Monster sweet Pepper with green fruit turning bright scarlet. Matures late. Fine for stuffed mangoes. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

Golden Dawn. 78 days. Very sweet, large yellow variety shaped like Chinese Giant. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

Harris' Early Giant. 63 days. A new early variety of large size; deep green turning to red; flesh thick and of a sweet pleasant flavor. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

King of the North. 64 days. A large, handsome, early variety recommended for sections where seasons are short. Dark green, turning to a beautiful red. Flesh fairly thick and of mild flavor. Heavy producer. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

Neapolitan. 60 days. Large, early, thick-meated variety of mild flavor. Bright red when ripe. Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50.

Pimiento. 73 days. Excellent, uniformly shaped, sweet, green changing to red when ripe. Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50.

Ruby Giant. 70 days. Very large, of mild flavor. Adapted for stuffing. Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50.

Ruby King. 68 days. Fruits 5 to 6 inches long and about 3 inches in diameter, green, turning to red as they mature, with flesh fairly thick and mild in flavor. Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50.

Tomato or Squash. 80 days. Upright grower, with small fruit shaped like a tomato and of mild flavor. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

Sweet Banana. 60 days. A very early, productive, long-pointed yellow Pepper with thick sweet flesh. Pods turn red at full maturity. Superb to use as yellow and red slices in fancy salads. Pkt., 10c.; ½ oz., 35c.; oz., 60c.; ¼ lb., \$2.00.

World Beater. 70 days. Very similar to Ruby Giant, but grows slightly larger; flesh very meaty and of mild flavor. Choice seed, grown in New Jersey. Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50.

World
Beater
No. 13



Connecticut Field Pumpkin



Michell's Pumpkins

Potiron (Fr.) Kurbis (Ger.) Zucca (Ital.)
One ounce will sow 25 to 50 hills; 4 to 5 pounds, an acre

Plant any time after the ground has become permanently warm, about 4 seeds to the hill, the latter to be about 8 feet apart each way. To obtain strong vines, they may be pinched back somewhat, and if large specimens are desired, hold but one or two Pumpkins on a vine. Do not plant near other vine crops, as they may hybridize the latter and spoil the taste. Seed can be planted among corn after the last working.

Connecticut or Common Field. 118 days. Almost round light yellow fruits produced in great abundance; flesh coarse and suitable only for stock-feeding. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.

Pie. 110 days. A crook-necked deep green variety with darker stripes which turn to a rich golden yellow. Fruit sets and matures early. Pkt., 10c.; oz., 25c.; ¼ lb., 50c.

King of the Mammoths. 120 days. Enormous in size. Orange-salmon skin; bright yellow flesh, fine-grained and of excellent quality for pies. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.

Large Cheese. 108 days. A large, flat-ribbed buff-yellow fruit with flesh of fine quality. An enormous producer, ideal for market, home garden, and canning purposes. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.

Mammoth Cushman or Golden Crookneck. 112 days. Meaty variety suitable for pies or for stock-feeding purposes. Tender, golden yellow flesh. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.

Tennessee Sweet Potato. 110 days. An oblong, medium-sized fruit with a very light buff-yellow skin. It is delicious for pies, while for cooking for table use it is dry and tasty. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.

Winter Luxury. 100 days. Known as the New England pie Pumpkin. The skin is a russet-yellow, while the flesh is golden orange when ripe. Pkt., 10c.; oz., 25c.; ¼ lb., 60c.

Pumpkin Seed for medicinal purposes, 75¢ lb.

Peanuts

Arachide (Fr.) Erdnuss (Ger.)
Cecè de Terra (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

Peanuts can be grown in almost any well-drained garden soil, and should yield a big crop. The Peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. 145 days. ½ lb., 20c.; lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.50.

NOTE—All seeds on this page sent postpaid at quoted prices.

Pepper Plants

Ready in May.

Bull Nose and Ruby King only.

Pot-grown Plants. Doz., 85c.; 100, \$7.00.
Not mailable.

Rhubarb

Rhubarbe (Fr.) Rhubarber (Ger.)

Rabarbaro (Ital.)

One ounce will sow 125-foot row

Seed should be sown early in the spring, in shallow drills 1 foot apart; thin out to stand 4 to 5 inches apart in the row. In the fall or following spring, the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the Rhubarb may be used. Roots may be planted in the spring up to May 15.

Victoria. Immense long stalks of a cherry-red color. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.

Rhubarb Roots

Ready April 1 for spring planting;

Oct. 15 for fall planting

MacDonalds. A new variety of great merit. Fine for market or for home gardens. ½ doz., \$2.00; doz., \$3.50; 50, \$12.00.

Victoria. ½ doz., \$1.50; doz., \$2.00; 50, \$6.00.



Victoria Rhubarb

Michell's Select Radish Seed

Radis (Fr.) **Radies** (Ger.)
Ravanelli (Ital.)

One ounce will sow 75 feet of row;
8 to 10 pounds, an acre

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. Early sowings can be made as soon as frost is out of the ground. The winter Radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in a cool cellar and covered with sand.

Early Varieties

Cavalier. 23 days. A very fine greenhouse stock of Scarlet Globe type. Roots are deep globe shape, bright scarlet, thin taproot and a uniform bulber. Flesh firm and crisp, stays in eating condition longer than similar types. Top short but long enough for bunching. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

Crimson Giant. 28 days. Early, large, globe-shaped Radish with crisp, solid flesh that remains a long time without getting pithy. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

Early Deep Scarlet Globe. 25 days. A special strain from transplanted roots. Uniform in shape, color, and size; short tops. One of the best. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

Early Scarlet or Cardinal Globe. 26 days. For outside sowing. The vivid scarlet color and oval shape are perfect. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

French Breakfast. 25 days. Rapid grower. Oblong, mild and tender; scarlet, tipped with white. Good for open ground or forcing. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$2.50.

Icicle. 27 days. An excellent white variety; grows 3 1/2 to 4 inches long in 22 days. Valuable for forcing and for open ground. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

Long Scarlet Short-Top. 27 days. A long, bright scarlet variety with small top. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

Michell's 15-day Scarlet Forcer. Special Forcing. A popular variety for hotbed or greenhouse; also valuable for outdoor planting. Very early, crisp, and mild. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

Philadelphia White Box. 28 days. A selection of the old White Box Radish. It has more perfect form, produces shorter tops, and does not have a tendency to grow long. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

Round Red or Button. Extra early. Excellent for hotbed or garden culture. Flesh white, mild and tender. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

Scarlet Turnip, White-tipped. 26 days. Fine early scarlet variety with white tip. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$2.50.

Summer and Winter Varieties

Celestial or White Chinese. 60 days. Large; pure white; excellent keeper. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$2.50.

China Rose. 52 days. One of the best for winter use. Half-long in shape with a scarlet, blunt tip; flesh firm. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$2.50.

Long Black Spanish. 58 days. Large; skin black; flesh white, very firm. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

Round Black Spanish. 56 days. Large; thick black skin; pure white flesh. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

White Strasburg. 39 days. Oblong; pure white, mild flavor. An excellent variety for summer use. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

Rouquette or Rucola. 40 days. A popular green, especially among the Italian peoples. Plants form rosettes of numerous oblong, divided leaves. Foliage is heavy and of a mildly pungent flavor. Pkt., 15c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$2.00.



Early Deep Scarlet Globe

Michell's Select Spinach Seed

Epinard (Fr.) **Spinat** (Ger.)
Spinaccio (Ital.)

One ounce will sow about 75 feet of drill;
10 to 12 pounds, an acre

Sow for spring use, in drills 1 foot apart (covering the seed about 1/2 inch), as early as the ground can be worked, and continue to sow every two weeks till May 15. Spinach seed seldom germinates during June, July, or August, so we do not recommend sowing again until September, which is the season to provide an early winter and spring crop. On the approach of cold weather, cover with manure, long straw, or other litter. Spinach can also be grown successfully under hotbed sash.

Bloomsdale Long-standing Savoy. 42 days. Will stand considerable heat before bolting to seed, therefore valuable for spring sowing. Leaves are thick, crimped, and fleshy. Oz., 15c; 1/4 lb., 45c; lb., \$1.35.

King of Denmark. 45 days. A new variety that stands a long while without running to seed. The deep green leaves are large, rounded, and slightly blistered. Oz., 20c; 1/4 lb., 75c; lb., \$2.00.

Market Gardeners. 48 days. A decided improvement on all other kinds. Leaves broad, heavy, of dark green, glossy color, heavily blistered. Will stand up to 10 days longer without shooting to seed than any variety we know of. Oz., 15c; 1/4 lb., 45c; lb., \$1.35.

Long Season. 49 days. Large, strong, robust plants and crinkled leaves. Will resist a great deal of heat without shooting to seed. Oz., 15c; 1/4 lb., 45c; lb., \$1.35.

New Zealand. 70 days. This variety endures heat and drought and is excellent for summer use. Leaves small and thick. Heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. To get successful germination, seed should be soaked in warm water for about 12 hours before sowing. Seed should be sown about May 15. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.

Virginia Bright-Resistant Savoy. 39 days. A low-growing, spreading variety of vigorous growth, which is immune from disease. Exceedingly popular for market. Excellent for fall sowing. Oz., 15c; 1/4 lb., 45c; lb., \$1.35.

ALL PRICES SUBJECT TO MARKET CHANGES

Rosemary

An herb that is used in seasoning and in the production of a volatile oil. Pkt., 25c; 1/4 oz., 75c; 1/2 oz., \$1.30. Pot-grown plants, ready in April, Each, 30c; doz., \$3.00.

Rutabaga. See page 17.

Sage

Holt's Mammoth. Herb used in flavoring. Pkt., 25c; 1/4 oz., 75c. Pot-grown plants, ready in April, 3, \$1.15; doz., \$4.00.

Sorrel

Oseille (Fr.) **Sauerampfer** (Ger.)
Acetosa (Ital.)

Broad-leaved French. 60 days. Used as a spinach dressing, also as a salad; has an acid flavor. Sow seed in the spring in good light soil in shallow drills 1 foot apart; thin out to 4 inches apart in the row. The seed stalks should be cut off when they appear. Pkt., 20c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.85.

Saffron

Herb used in adding color to soups, etc. Pkt., 25c; 1/4 oz., 30c; 1/2 oz., 50c; oz., 90c.

Savory

Herb used in flavoring.

Summer. Pkt., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

Winter. Pkt., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

Shallots. See page 12.

Sweet Basil

Herb used for soups and stews. Pkt., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

Sweet Marjoram

Herb whose leaves and shoots are used for seasoning. Pkt., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.75.

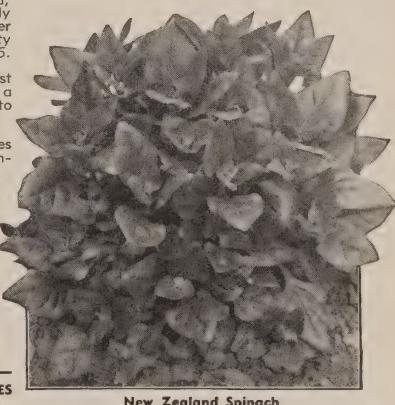
Salsify - Oyster Plant

Salsifis (Fr.) **Hafer Wurzel** (Ger.)
Salsefia (Ital.)

One ounce will sow about 50 feet of drill;
10 pounds, an acre

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin to 3 inches apart. Soil should be deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. Enormous; very tender and delicious. Pkt., 15c; oz., 40c; 1/4 lb., \$1.00; lb., \$3.00.



New Zealand Spinach

Squash

Courge (Fr.) **Kurbis** (Ger.) **Zucca** (Ital.)
One ounce will sow 20 to 30 hills; 3 to 4 pounds, an acre

This is a popular vegetable for summer and winter use, and being susceptible to cold it should not be planted until the ground is thoroughly warm. The bush sorts should be planted in hills 4 to 5 feet apart each way; the running varieties, 8 to 12 feet apart. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill.

Summer Varieties

Cocozelle or Italian. 64 days. A bush variety. Long smooth, dark green fruits, striped lighter. Fine for slicing and frying. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Giant Straight Neck. 60 days. A new bush sort, being a selection from Golden Summer Crookneck. Its superiority lies in its straightness, which permits easy packing and handling. Fruits 18 to 20 inches long when matured and heavily warted. Deep orange color. Thick and meaty. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Giant Yellow Summer Crookneck. 52 days. Shaped like a club with a bent neck. The skin is rough, warted, and orange-yellow color. This is a running variety. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Golden Table Queen. 95 days. High quality Acorn type. Similar to Table Queen but has rich golden yellow outer skin. More market appeal. Pkt., 10c.; oz., 20c.; 1/4 lb., 75c.; lb., \$2.50.

Mammoth White Bush. 52 days. A round, scalloped form with an ivory-white skin. Has an abundance of meat of very fine flavor. Matures early, very prolific. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Table Queen or Acorn. 58 days. Edible in about 55 days. Fruits 6 to 8 inches long, 3 inches in diameter; deep green rind turning to orange; flesh light yellow. Pkt., 10c.; oz., 20c.; 1/4 lb., 75c.; lb., \$2.50.

Zucchini. 62 days. Cocozelle type. Fruits 12 to 14 inches long; green skin, mottled yellow when matured; flesh delicious. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Yankee Hybrid. 49 days. All-American Bronze Medal Winner. The fruits mature from 3 to 10 days earlier than other varieties of the class, and at the same time the yield is much larger because of hybrid vigor. They are more uniform, an important consideration from the standpoint of the commercial grower. Recommended for both home and market gardener. Pkt., 10c.; oz., 20c.; 1/4 lb., 75c.; lb., \$2.50.

Fall and Winter Varieties

Blue Hubbard. 110 days. A selection from the original Hubbard. The fruit is of a gray-blue color, grows large, is a remarkably good keeper and of excellent quality. Pkt., 10c.; oz., 30c.; 1/4 lb., \$1.00; lb., \$3.00.

Boston Marrow. 97 days. Golden orange. Fine for canning; for winter use, cooked as a vegetable or in pie. Pkt., 10c.; oz., 15c.; 1/4 lb., 45c.; lb., \$1.35.

Delicious. 102 days. Has the finest flavor of any Squash. Oblong, with deep green skin, thin rind, and small seed-cavity. One of the best winter keepers. Pkt., 10c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.

Golden Hubbard. 100 days. Used for pie and also served as a vegetable; dry and delicious. Outside deep orange-red. Pkt., 10c.; oz., 30c.; 1/4 lb., \$1.00; lb., \$3.00.

Hubbard. 105 days. True. Fruits large, olive-shaped, with dark green skin and rich flesh of fine quality. Pkt., 10c.; oz., 30c.; 1/4 lb., \$1.00; lb., \$3.00.

Swiss Chard

Dark Green Curled. 55 days. Pkt., 15c.; oz., 40c.; 1/4 lb., \$1.35; lb., \$2.50.

Fordhook Giant. 55 days. Pkt., 15c.; oz., 40c.; 1/4 lb., \$1.35; lb., \$2.50.

Giant Lucullus. 50 days. Pkt., 15c.; oz., 40c.; 1/4 lb., \$1.35; lb., \$2.50.

For description of above, see page 5.

MICHELL'S SELECT TOMATO SEED

Pomme d'Amour (Fr.)

Liebesapfel (Ger.) **Pomo d'oro** (Ital.)
One ounce will produce 3500 plants; 1/4 pound, enough plants for an acre

Sow in the house or hotbed about March 1; transplant when 3 inches high and again later to produce vigorous specimens. Set plants outdoors about May 1, in rows 3 feet apart, 1 1/2 feet in the row, or in hills 4 feet apart each way. Properly grown Tomato plants should be supported. All stocks of Tomato marked Special Strain are certified by the state in which they are grown.

NOTE: All seeds on this page mailed postpaid at prices quoted.

Bonny Best. 73 days. One of the most prolific early Tomatoes. Solid, evenly formed, bright red fruit. Pkt., 10c.; 1/2 oz., 25c.; oz., 40c.; 1/4 lb., \$1.35.

Break o' Day. 70 days. Disease-resistant. The open habit of the vines permits the sun to ripen the fruit much earlier than some varieties. Fruits globular, large, smooth, meaty, and a good red color. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Chalk's Early Jewel. 74 days. Extra-early, bright red fruit of fine flavor. Very productive. Pkt., 10c.; 1/2 oz., 25c.; oz., 40c.; 1/4 lb., \$1.35.

Crimson Cushion or Beefsteak. 90 days. A vigorous grower, producing immense, solid, very meaty fruits, suitable for slicing or canning. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Dwarf Champion. 86 days. Plant dwarf and compact. Fruit red, with a purplish cast; solid; late maturing. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Dwarf Stone. 92 days. A dwarf, compact plant and medium-sized, very solid bright red fruit. Late cropper. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Earlian or Penn State. 66 days. One of the earliest bright red varieties. Compact in growth; a good yielder. Fruit solid, uniform and of excellent quality. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Golden Ponderosa. 88 days. The best large golden yellow variety. Early, smooth, of excellent quality. Pkt., 20c.; 1/2 oz., \$1.50; oz., \$2.00; 1/4 lb., \$6.00.

Greater Baltimore. 82 days. A main-crop variety. Fruit large, brilliant red, and ripens evenly to the stem. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Italian Salad. 73 days. This fine, red, plum-shaped salad Tomato has become quite popular. It is practically free from acid, has few seeds, and a flavor all its own. Pkt., 20c.; 1/2 oz., \$1.50; oz., \$2.00; 1/4 lb., \$6.00.

John Baer. 70 days. Clusters of beautiful red fruit of good size and nearly round. Pkt., 10c.; oz., 25c.; oz., 40c.; 1/4 lb., \$1.35.

June Pink. 69 days. Large; solid purplish red flesh of fine texture. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Marglobe. (Special Strain.) 77 days. Variety of special merit, practically immune from the blight. Tomato disease. Handsome scarlet fruits. Excellent variety to follow our Penn State Earlian. We offer in this special strain an extra-fine selection of the originator's stock. Pkt., 15c.; 1/2 oz., 40c.; oz., 75c.; 1/4 lb., \$2.50.

Marglobe. Usual Strain. 77 days. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Oxheart. 90 days. A main-crop, pink-fruited sort, popular in certain sections due to its great solidity. Little acid; quality fine. Some grow to an enormous size. Pkt., 20c.; 1/2 oz., \$1.50; oz., \$2.00; 1/4 lb., \$6.00.

Ponderosa. 88 days. The largest Tomato in existence. A beautiful deep pink, rather uneven at times; in shape. Pkt., 15c.; 1/2 oz., 50c.; oz., 90c.; 1/4 lb., \$3.50.

Pritchard or Scarlet Topper. (Special Strain.) 76 days. An early variety, undoubtedly the best of all recent introductions. The shape and outside color compare favorably with Break o' Day; the inside color is darker red. Good for slicing or canning. The seed of this strain is superior to other strains. Pkt., 15c.; 1/2 oz., 40c.; oz., 75c.; 1/4 lb., \$2.50.

Pritchard or Scarlet Topper. (Usual Strain.) 76 days. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Rutgers. (Special Strain.) 78 days. A new introduction by the New Jersey Agricultural College. The parent plants are Marglobe and J.T.D.; it has the same characteristics as its parents in size, color, and shape, except that it is somewhat flatter at the stem end. It ripens at about the same time as Marglobe and is very productive. An excellent main-crop variety. Pkt., 15c.; 1/2 oz., 40c.; oz., 75c.; 1/4 lb., \$2.50.

Rutgers. (Usual Strain.) 78 days. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Stokesdale. Certified. 73 days. A new extra-early scarlet-fruited sort with remarkably solid interior, ripening from the inside outward. Resembles Marglobe in size and shape but about 10 days earlier. Owing to its short season it is well adapted to the northern states. Pkt., 15c.; 1/2 oz., 40c.; oz., 75c.; 1/4 lb., \$2.50.

Stone. 86 days. An old-time favorite. Large, handsome red fruit with smooth skin. Recommended for a main crop. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Victor. 66 days. Tomatoes are always newsworthy when chosen; new varieties introduced and this year's Early Victor deserves a trial place in your garden this year. It is an early, very prolific, with a full set of fruit maturing all together for early use. The fruit of Early Victor is of moderate size, semi-globe shape, rich scarlet color and is borne in large clusters. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.

Forcing Tomatoes

Michell's No. 1 Forcing. This outstanding forcing Tomato was originally selected from the progeny of a cross between Marglobe and Cooper's Special. We offer a three-year hill-selected pedigree stock for the first time this year. The finest medium sized scarlet Tomato available for forcing. Pkt., \$1.00; 1/2 oz., \$3.00; oz., \$5.00.

Michell's No. 2 Forcing. Originating from a cross between Marvel and Globe. This is also a very fine forcing type. Will average larger fruits than the No. 1 Forcing. A prolific bearer of medium to large scarlet fruits, the last word in uniformity. Pkt., \$1.00; 1/2 oz., \$3.00; oz., \$5.00.

Bides' Recruit. Medium size; bright red. Pkt., 15c.; 1/2 oz., 35c.; oz., 60c.

Michigan State Forcing. Pkt., 25c.; 1/2 oz., 40c.; oz., 85c.

Sutton's Perfection. Pkt., \$1.25; 3 pkts., \$3.60.

Small-Fruited Tomatoes

Red Cherry Red Pear Yellow Pear
Red Peach Red Plum Yellow Plum

Pkt., 15c.; 1/2 oz., 40c.; oz., 75c.

Strawberry or Husk. Pkt., 15c.; 1/2 oz., 40c.; oz., 75c.

Tomato Plants (Pot-grown)

Ready in April

Doz., 85c.; 100, \$7.00. Not mailable.

Tarragon

Fine for flavoring. Pot-grown plants, 3, \$1.15; doz., \$4.00.

Plant more Sweet Herbs; they add zest to the daintiest dish

Tansy

Easily grown herbaceous perennial. New leaves used to season puddings and omelettes. Also has medicinal value. Pkt., 60c; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.00; oz., \$5.00.

Thyme

Herb used for sauces and dressings. Seed. Pkt., 25c; $\frac{1}{4}$ oz., 75c; $\frac{1}{2}$ oz., \$1.45; oz., \$2.75.

Thyme Plants

Pot-grown. 3, \$1.15; Doz., \$4.00.

Michell's Turnip and Rutabaga Seed

Navel (Fr.) Weisse Rübe (Ger.) Navonne (Ital.)

One ounce of seed for 100 feet of drill; 2 pounds per acre, broadcast

For early use sow the small sorts as soon as the ground can be worked in the spring in drills 14 inches apart. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow broadcast from the middle of July to the middle of August.

NOTE—All seed offered on this page mailed free at quoted prices.

Turnip

Early Purple-Top Flat. 46 days. A popular early variety. Root clear white, purple top; good quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.80.

Early White Flat Dutch (Strap-Leaf). 46 days. An early variety, producing a medium-sized root of fine quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.80.

Purple-Top White Globe. 57 days. Large root, skin purple at top, white at bottom. A good table and market variety. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.80.

Shogoin. 30 days. A two-purpose variety with tops equal to the best spinach. The roots are pure white and of fine flavor. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Snowball. 40 days. Pure white, globe-shaped. Very early. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Southern Seven-Top. 80 days. Chiefly used for winter greens. Extensively sown in the South. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$1.80.

Yellow Globe or Amber. 80 days. Shaped like the Purple-Top Globe, but colored like a yellow Rutabaga. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Rutabaga

Rutabagas should be sown in drills about 2 $\frac{1}{2}$ feet apart, and when 3 inches high thinned out to get the greatest root-development. They need to be cultivated liberally and hilled up when about 6 inches high.

Customers frequently complain that Rutabagas grow too long, rather than in a round form. In the locality of Philadelphia and New York, the seed should be sown from July 15 to August 1. Sown sooner than this invariably produces long roots with long stems.

American Purple-Top Yellow. 90 days. (Special Strain.) At least 8 to 10 days earlier than our usual strain. Roots are mostly round with a small tap-root yellow with purple crown; flesh amber-colored, sweet and free from fiber, to a medium size and of a smoky green color. Seeds can be sown much later than other strains and yet mature before freezing weather. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

Purple-Top Yellow. 90 days. (Usual Strain.) Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.50.

VEGETABLE PLANTS and ROOTS

Fresh supplies of this stock arrive daily during the season of planting.

Artichokes

Ready in April

Green Globe. Pot-grown plants. Doz., \$2.00; 25, \$4.00; 100, \$15.00. (By express only.)

Jerusalem. Used for table and stock-feeding. Lb., 30c; 5 lbs., \$1.25.

Asparagus Roots

Ready about March 20 for spring planting; about October 15 for fall planting

The two-year roots usually produce two years after planting. Our stock is especially fine in quality.

Giant Washington. 2-yr. roots, 50, \$1.00; 100, \$1.75; 1000, \$15.00.

Brussels Sprouts

Ready in July

Matchless Improved. Strong plants, 25, 40c; 100, \$1.50; 1000, \$12.00.

Cabbage Plants

Ready April 1

Early Sorts. Cold frame plants, 100, \$1.25; 1000, \$10.00.

Ready July 1

Late Sorts. Late Flat Dutch, Danish Ballhead and Red Dutch Drumhead varieties only. 100, \$1.25; 1000, \$10.00.

Celery Plants

Ready in July

White Plume, Giant Pascal, Winter Queen and Golden Self-blanching. 100, \$1.00; 1000, \$8.50.

Eggplant Plants

Ready after May 15

New York Improved and Black Beauty. Pot-growing plants. Doz., \$1.00; 100, \$8.50. Not available.

SEEDS OF CULINARY and MEDICINAL HERBS

There is an increasing interest in Herbs today, and Herb-gardeners are becoming quite popular. The majority of them are very easy to grow and therefore should be grown more extensively than they are.

For winter use, they should be cut just as they come into flower, tied in bunches, and hung in a light, airy place indoors, where they can be available any time.

Herb	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ lb.
Chives	.25	\$0.25	\$0.60	\$1.00	\$1.75
Coriander	.25	.30	.50	.90	
Dill	.10				.35
Fennel, Sweet	.25	.30	.50	.90	
Fennel, Florence	.25	.30	.50	.90	1.00
Lavender	.25	.60	1.00	1.75	
Mint	.25				
Pennyroyal	.25	.60	1.00	1.75	
Rosemary	.25	.75	1.30		
Saffron	.25	.30	.50	.90	
Sage	.25	.75	1.25	2.75	
Summer Savory	.25	.60	1.00	1.75	
Winter Savory	.25	.60	1.00	1.75	
Sweet Marjoram	.25	.60	1.00	1.75	
Tansy	.60	1.75	3.00	5.00	
Thyme	.25	.75	1.45		

Fragrant and Flavorful Herb Plants

Apple Mint. Leaves are used to flavor drinks, salads, sauces and gravies.

Bee Balm. The seeds are used for potpourri.

Chives. For a bland onion flavor in salads, hors d'oeuvres, soups.

Citron Thyme. The leaves are dried for seasoning meats, gravies and dressing. Used fresh in salads.

Garden Sage. Use dry leaves for heightening meat flavors.

Germanander. A favorite herb for edging.

Hysop. An old medicinal plant used for seasoning vegetables. An indestructible edging plant for the garden.

Parsley. For garnishing, salads, and soups.

Peppermint. The crushed leaves are used in cool drinks or dried for tea.

Pot Marjoram. For potpourri.

Rosemary. For potpourri.

Rue. Beautiful bluish green leaves used for flavoring.

Horseradish Roots

Ready in March

Maliner Kren. Bohemian Horseradish. Large, strong cuttings. Doz., 50c; 100, \$2.00.

Lettuce Plants

Heading Varieties. Our selection only. 25,

35c; 100, \$1.25; 1000, \$10.00.

Pepper Plants

Ready in May

Bull Nose and Ruby King varieties only. Pot-grown plants. Doz., 85c; 100, \$7.00. Not mailable.

Rhubarb Roots

Ready April 1 for spring planting;

October 15 for fall planting

MacDonald. $\frac{1}{2}$ doz., \$2.00; doz., \$3.50; 50

\$12.00. **Victoria.** $\frac{1}{2}$ doz., \$1.50; doz., \$2.00; 50, \$6.00.

Sweet Potato Plants

Ready in June

Yellow and Red Nansemond. 100, 85c; 1000, \$6.50. Not less than 100 plants of a variety can be furnished.

Tomato Plants

Ready after April 15

Early and Late Varieties. Pot-grown plants. Doz., 85c; 100, \$7.00. Not mailable.

SPECIAL NOTICE

We regret that it is not practicable to ship **Pot-grown Plants of Pepper, Parsley, Eggplants and Tomatoes** via Parcel Post.

The foliage of these plants is very soft and tender and we have found, from experience (largely because of delays in the mail service), that they reach their destination in a worthless condition.

Nor can we ship any of the above-mentioned plants outside the beetle zone.



MICHELL'S Reliable Grass Mixture

SEEDING at the proper time is half the secret of success in lawn making. But on **the seed you sow will depend success or failure.** Quality in grass seed is of particular importance. The initial cost of the best seed is small compared with the time and labor of weeding and probable replanting which results from cheap, inferior seed. And the satisfaction derived from a really good lawn is immeasurable.

Michell's Lawn Seed has been a leader in high quality for over fifty years. Many of the better lawns in this country are the result of Michell's seed, plus proper care. The answer lies in our insistence on furnishing only that seed which meets our rigid specifications of highest purity and germination and maximum freedom from weeds.

Quantity to Sow for Lawns. We recommend sowing: 5 lbs. per 1000 square feet; 150 lbs. per acre on new ground without grass. In renovating established lawns, use half the above quantities.

ALL PRICES SUBJECT TO MARKET CHANGES

Send for our FREE booklet, "Lawn Pointers," for suggestions
on the care of your lawn

MICHELL'S "GREEN VELVET" LAWN SEED

For the Open, Sunny Lawn

This proved formula is the result of many years of experience under practical conditions. It is made up of the strongest, finest and most permanent grass varieties suitable for the lawn. Under proper conditions it will produce a fine, deep-rooted turf, velvety in appearance and sturdy enough to withstand constant use. Lbs., .55c; 3 lbs., \$1.60; 5 lbs., \$2.60; 10 lbs., \$5.00; 25 lbs., \$12.00; 100 lbs., \$45.00.

MICHELL'S WHITE CLOVER SEED

There is no clover used in the above lawn mixtures. For those desiring clover in their lawns, we recommend Michell's White Clover. Sow separately to obtain even distribution and more satisfactory results. 1/4 lb., .35c; 1/2 lb., .65c; 1 lb., \$1.25; 5 lbs., \$.575; 10 lbs., \$11.00; 25 lbs., \$25.50.

MICHELL'S "SHADED" LAWN SEED

Overcomes the Shade Problem

Just the seed for those shady places where "grass simply won't grow." We have combined a mixture that actually thrives in heavily shaded locations, under the proper soil conditions. Consult us for methods of correcting drainage problems, acidity, low fertility and other reasons leading to this type of grass failure. Lbs., .55c; 3 lbs., \$1.60; 5 lbs., \$2.60; 10 lbs., \$5.00; 25 lbs., \$12.00; 100 lbs., \$45.00.

MICHELL'S TOP-NOTCH LAWN SEED

A perfectly blended combination of the purest seed most suitable for the establishment of a luxuriant lawn. This formula combines the qualities of quick growth, compactness, and permanence, and is recommended to those who seek the ultimate in a lawn mixture. 5-lb. bag, \$3.10; 10-lb. bag, \$6.00; 25-lb. bag, \$14.50; 100 lbs., \$55.00.

MICHELL'S CLOVER LAWN SEED

The increasing demand for a grass seed mixture containing an unusually large proportion of White Clover induced us to offer this brand, which is particularly suited to take firm hold and grow quickly on hard or worn-out spots which sunburn easily. Excellent for seashore lawns. 1/2 lb., .35c; 1 lb., .65c; 3 lbs., \$1.90; 5-lb. bag, \$3.10; 10-lb. bag, \$6.00; 25-lb. bag, \$14.50; 100-lb. bag, \$55.00.

MICHELL'S EVERGREEN LAWN SEED

Recommended to fill the requirements of the average lawn, this mixture will produce a very desirable turf of fine-bladed, hardy grasses, capable of withstanding considerable wear and periodic dry spells. 1/2 lb., .25c; 1 lb., .45c; 3 lbs., \$1.30; 5-lb. bag, \$2.10; 10-lb. bag, \$4.00; 25-lb. bag, \$9.50; 100-lb. bag, \$35.00.

MICHELL'S FAIRMOUNT PARK LAWN SEED

A mixture meeting the requirements of those desiring a moderately priced grass seed. Lbs., .35c; 3 lbs., \$1.00; 5-lb. bag, \$1.60; 10-lb. bag, \$3.00; 25 lbs., \$7.00; 100 lbs., \$25.00.

GRASS HAS A TREMENDOUS APPETITE

and only by furnishing the right food at the proper time can the best results be achieved. **Michell's Lawn Dressing** has been developed expressly for this purpose. Applied now at the rate of 25 lbs. per 1000 square feet on established lawns, it will immediately strengthen and improve the color of the grass. In making a new lawn, about 40 lbs. per 1000 square feet should be worked into the top 3 inches of the soil. 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

Michell's Reliable Grass Mixtures for All Conditions

FOR SPECIAL PROBLEMS

MICHELL'S TERRACE LAWN SEED

It is usually difficult to establish turf on sharp slopes or on terraces. This mixture is composed of deep-rooting varieties particularly adapted to such conditions and will give very satisfactory results. Lb. 55c; 3 lbs. \$1.60; 5-lb. bag \$2.60; 10-lb. bag \$5.00; 25-lb. bag \$12.00; 100 lbs. \$45.00.

If you have had difficulty in establishing turf on steep slopes and terraces, you need EROSIONET. See page 79.



MICHELL'S SEASHORE LAWN SEED

The application of 3 to 4 inches of top-soil and the subsequent sowing of this special mixture will produce an excellent lawn, wonderfully suited to the conditions of climate and soil along the Atlantic Coast. This formula has been thoroughly tested. Lb. 55c; 3 lbs. \$1.60; 5-lb. bag \$2.60; 10-lb. bag \$5.00; 25-lb. bag \$12.00; 100 lbs. \$45.00.

MICHELL'S SPECIAL SOD GRASS SEED

Developed especially for cemetery work and a popular favorite with many of the large burial parks. Lb. 45c; 3 lbs. \$1.30; 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

MICHELL'S SOUTHERN EVERGREEN LAWN SEED

Particularly adapted to the climate and the soil conditions of the South, where the hot, dry seasons make the maintenance of lawns a difficult problem. Lb. 45c; 3 lbs. \$1.30; 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.

For a BETTER LAWN use MICHELL'S LAWN DRESSING, the ideal grass fertilizer. See page 91.

MICHELL'S SUPERIOR BENT GRASS MIXTURE

Composed chiefly of the leading varieties of Bent Grass, but containing a sufficient percentage of other harder fine-bladed grasses to produce a lawn of putting-green texture but which is not as susceptible to disease and attack by insects as pure Bent. We recommend sowing this seed at the rate of 1 pound to 300 square feet. Lb. 90c; 5 lbs. \$4.25; 10 lbs. \$8.00; 25 lbs. \$19.50; 100 lbs. \$75.00.

THE NEW JERSEY LAWN SEED MIXTURES

Developed and recommended by the New Jersey Agricultural Experiment Station.

No. 1. Standard Mixture (with clover). Lb. 55c; 10 lbs. \$4.75; 25 lbs. \$11.00.

No. 1A. Standard Mixture (without clover). Lb. 50c; 10 lbs. \$4.50; 25 lbs. \$9.75.

No. 2. For Finest Quality Turf. Lb. 65c; 10 lbs. \$6.00; 25 lbs. \$13.50.

No. 3. For Shaded Areas. Lb. 85c; 10 lbs. \$8.00; 25 lbs. \$19.00.

No. 4. For Terraces and Clayey, Shalely or Sandy Soils. Lb. 65c; 10 lbs. \$6.00; 25 lbs. \$14.00.

PRICES ON THIS PAGE SUBJECT TO CHANGE.

GRASS SEED FOR RECREATIONAL GROUNDS

The Standard Mixtures listed below are carried in stock, and have been developed for the average conditions in each case. We recommend them for best results except where the conditions are unusual.

MICHELL'S PUTTING GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses, which will withstand closest mowing. Sow at the rate of one pound to 100 square feet. Lb. \$1.00; 5-lb. bag \$4.50; 10-lb. bag \$8.50; 25-lb. bag \$20.75; 100 lbs. \$80.00.

MICHELL'S FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results. 175 to 200 pounds per acre. 5-lb. bag \$2.35; 10-lb. bag \$4.50; 25-lb. bag \$10.75; 100 lbs. \$40.00.

MICHELL'S TENNIS-COURT MIXTURE

Will produce a turf capable of withstanding hard play, frequent rolling, and close mowing. Sow 5 pounds to 1000 square feet. 5-lb. bag \$3.75; 10-lb. bag \$7.00; 25-lb. bag \$17.00; 100 lbs. \$65.00.

MICHELL'S ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to universities and athletic clubs and recommend it as the very best for such purposes. 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$35.00.



Grasses in Separate Varieties

All Strictly Recleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

Bent Grass, Certified Seaside (*Agrostis maritima*). Very highest quality; certified and sealed in 100-pound bags by the Oregon Department of Agriculture. The true creeping variety of Bent that makes a perfect putting-green turf. Lb. \$1.50; 10 lbs. \$12.50.

Bent Grass, Astoria. A native Bent, grown in Oregon. Similar in growth to the Colonial type. Lb. \$1.50; 10 lbs. \$12.50.

Bent Grass, Colonial (*A. tenuis*; *A. capillaris*). A very fine-bladed grass, producing a thick turf. Especially valuable for putting-greens and fine lawns. Lb. \$1.50; 10 lbs. \$12.50.

Bent Grass, South German. A natural mixture of creeping and velvet Bent types, suitable for greens, lawns, tennis-courts, etc. Lb. \$2.50; 10 lbs. \$22.50.

Bent, Velvet (*A. canina*). The finest-textured of all turf grasses. **Raritan.** Lb. \$3.50.

Bermuda Grass (*Cynodon dactylon*). A valuable summer grass for lawns and putting-greens as far north as Washington, D. C., above which latitude it is not satisfactory. Lb. 80c; 10 lbs. \$7.50.

Blue Grass, Kentucky (*Poa pratensis*). The most satisfactory permanent lawn and pasture grass for use in the northern states, improving year after year under proper care. Deep green in color, with narrow leaf-blades.

Extra Fancy. Lb. 45c; 10 lbs. \$4.00.
Superfine. Lb. 50c; 10 lbs. \$4.50.

Blue Grass, Canada (*P. compressa*). Somewhat similar to Kentucky Blue but lighter in color and will thrive on poorer soils and in warmer climates. Highly relished by cattle. Lb. 60c; 10 lbs. \$5.50.

Crested Dog's-tail (*Cynosurus cristatus*). Satisfactory as a pasture and lawn grass under special conditions. Lb. 60c; 10 lbs. \$5.50.

Fescue, Chewing's N. Z. (*Festuca rubra-fallax*). Imported. Produces a compact, fine-bladed turf especially resistant to wear, tolerant of shade and adverse soil conditions. Excellent for the lawn or putting-green. Lb. 80c; 10 lbs. \$7.50.

Fescue, Hard (*F. duruscula*). A durable, wiry grass, gray-green in color, suitable for dry, sandy soils. Should always be sown in mixture with other grasses. Lb. \$1.00; 10 lbs. \$9.00.

Fescue, Genuine Red Creeping (*F. rubra*). Excellent for putting-greens; also for sowing on sandy soil and in shaded places. Lb. 80c; 10 lbs. \$7.50.

Fescue, Meadow (*F. pratensis*). A hardy, broad-leaved grass of quick growth, valuable for pasture in lowlands. Lb. 60c; 10 lbs. \$5.50.

Fescue, Red (*F. rubra*). Valuable for putting-greens, also for sowing on sandy soil and in shaded places. Lb. 80c; 10 lbs. \$7.50.

Fescue, Sheep's (*F. ovina*). Very similar to Hard Fescue. Lb. \$1.00; 10 lbs. \$9.00.

Orchard Grass (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Lb. 70c; 10 lbs. \$6.50.

Red-Top (*Agrostis alba*). One of the best grasses for immediate effect and as a nurse in lawn mixtures. Fine-bladed if mowed regularly. Adaptable to adverse soil-conditions.

Extra Fancy. Lb. 30c; 10 lbs. \$2.50.
Superfine. Lb. 35c; 10 lbs. \$3.00.

Rough-Stalked Meadow (*Poa trivialis*). An ideal lawn grass for shaded places. Fine, short-growing and dark green in color. Lb. \$1.25; 10 lbs. \$11.50.

Rye Grass, Domestic. A quick-growing annual grass, useful where immediate effect is desired. Lb. 25c; 10 lbs. \$2.00.

Rye Grass, Perennial (*Lolium perenne*). Imported. A deep-rooted, quick-growing grass, valuable as a nurse in mixtures and excellent for pastures and hayfields. Lb. 35c; 10 lbs. \$3.00.

Rye Grass, Italian (*L. italicum*). Very desirable for pasture. Comes to maturity the first season. The ideal seed for southern lawns in winter. Lb. 25c; 10 lbs. \$2.00.

Timothy (*Phleum pratense*). A grass of high value for hay and pastures. Lb. 25c; 10 lbs. \$2.00.

WHITE DUTCH LAWN CLOVER

Excellent for sowing with grass on lawns and other places where a thick, quick growth is desired. Especially adapted for seashore lawns. Oz. 10c; 1/4 lb. 35c; 1/2 lb. 65c; lb. \$1.25; 5 lbs. \$5.75; 10 lbs. \$11.00; 25 lbs. \$25.50.

Grass Seed for the Farm

MICHELL'S PERMANENT HAYFIELD GRASS SEED

We offer a well-balanced combination of grasses which will yield considerably more and better hay per acre than timothy and clover only. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established fields. 5-lb. bag \$2.10; 10-lb. bag \$4.00; 25-lb. bag \$9.50; 100 lbs. \$5.00.

MICHELL'S PERMANENT PASTURE GRASS SEED

The grasses used in this mixture are the most nutritious for grazing and feeding purposes and will thrive under various conditions of soil and climate, assuring a rich turf throughout the entire season, year after year. Sow 4 to 5 bushels per acre on new land, or 2 bushels on established pastures. 5-lb. bag \$2.15; 10-lb. bag \$4.25; 25-lb. bag \$10.25; 100 lbs. \$38.00.

WILD WHITE CLOVER (Certified Kentish)

A remarkable new Clover in this country for improving pastures. See complete description and prices on page 46.

ALL PRICES SUBJECT TO MARKET CHANGES



Micrell's Permanent Pasture Grass

All-America Winners

AND NOVELTIES
FOR 1943

AGERATUM

Michell's Blue Boy. Novelty. Extra dwarf. This Michell's strain is the result of many years' careful selection. The growth is uniform and even, about 4 inches high, and the plants are almost completely smothered with flowers of the richest shades of blue. Excellent for the border or rock garden. Pkt., 25c; large pkt., 75c; 1/4 oz., \$1.50.

ALYSSUM, VIOLET QUEEN

New, dwarf, compact form with flowers of a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come very true from seed. Pkt., 15c; large pkt., 60c; 1/4 oz., \$1.00.

ANTIRRHINUMS

Rustproof Varieties

This strain has proved excellent under intensively wet outdoor conditions. They have stood the tests, and are better than 75 per cent rustproof. For growing outdoors for cutting or bedding, they will prove excellent.

Reveille, Majus Grandiflorum, R.-R. New. This gorgeous new Snapdragon grows to a height of 22 inches and has an upright base-branching habit, each plant producing from 6 to 8 huge spikes of flowers. The color is a deep luminous yellow with the upper lip of each floret toning to a lighter lemon-yellow. The individual flowers are unusually large and the plant is rust-resistant. Pkt., 25c; large pkt., \$1.00.

MICHELL'S EXCLUSIVE INTRODUCTIONS

Dandy, Nanum Grandiflorum (Semi-Dwarf). A new variety. Color is a beautiful glowing orange with white tube. The habit of the plant is very dwarf and compact; free flowering. Pkt., 25c; large pkt., \$1.00.

Quaker Maid. One of the finest large-flowering varieties we have ever seen. The color is a brilliant rose, with large open florets which have yellow upper lips, and the tubes are pure white. The individual flowers are well set on good, strong, wiry spikes. The plants are base-branching and produce from 6 to 8 huge long-flowering spikes. Pkt., 25c; large pkt., 75c.

For other varieties of Snapdragons see page 24.

ASTER, VICTORY GIANTS MIXED

Honorable Mention, 1943 All-America Selections. A splendid extra early Giants of California or Comet type. Strong, sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well balanced mixture without reds. A splendid type for bedding and cut flowers. Small pkt., 25c; large pkt., 75c. See back cover for color illustration.

CARNATION, MARGUERITE, GIANT FLOWERING, ALDOUBLE, MIXED

This is an extra-selected strain in a range of 15 to 20 colors. The flowers are large, fully double, and very freely borne. The plants are of stocky upright growth, excellent for cutting. Pkt., 25c; large pkt., 75c.

CLEOME (SPIDERFLOWER), GIANT PINK QUEEN

Silver Medal, All-America Selections. Huge trusses of bright salmon-pink top the long stems of this distinctly novel plant. This Cleome is a hardy annual easily grown from seed planted directly in the border or garden. It blooms abundantly from midsummer to late fall. Height 3 to 4 feet. Pkt., 25c; large pkt., 75c.



Alyssum, Violet Queen



Michell's Rustproof Antirrhinum

COSMOS, YELLOW FLARE

Silver Medal, All-America Selections. Similar to the original Orange Flare, except in color, which is a very rich golden yellow. A striking plant for the garden, growing 3 to 4 feet tall. Pkt., 25c; large pkt., 75c; 1/4 oz., \$1.00.

COSMOS, SEMI-DOUBLE, ORANGE RUFFLES

New. A semi-double form of the ever-popular Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Plants are from ten days to two weeks earlier blooming than Orange Flare. Pkt., 25c; large pkt., 60c; 1/4 oz., \$1.00.

IPOMOEA (MORNING GLORY), PEARLY GATES

Silver Medal, All-America Selections. The flowers of this new variety are a lovely lustrous white with creamy shading deep down in the throat and average 4 1/2 inches across. The fast-climbing vines are covered with blooms from the middle of summer until frost. Pkt., 25c; large pkt., 60c; 1/4 oz., \$1.00.

MARIGOLDS

Dwarf Chrysanthemum-Flowered, Golden Bedder. Bronze Medal, All-America Selections. Very early—perhaps the earliest of all. Plants form symmetrical mounds covered with golden orange flowers. A row of outer guard petals is surmounted by a fully double crest of Dixie Sunshine type. Pkt., 25c; large pkt., 60c.

Dwarf French Harmony Type, Butterball. Bronze Medal, All-America Selections. Most attractive, very compact, scabious-flowered, canary-yellow. Grows 6 to 10 inches tall, uniform; very early flowering. Pkt., 25c; large pkt., 50c.

Dwarf Double French, Melody. Bronze Medal, All-America Selections. The flowers are fully double, brilliant orange in color, and are of the Harmony type. The compact plants are about 12 inches high. A very early and free bloomer. Pkt., 25c; large pkt., 50c.

Mission Giants, Yellowstone. Honorable Mention, All-America Selections. Bright rich clear yellow counterpart to Goldsmith, the popular variety introduced last season, with large 2 1/2-inch flowers on luxuriant strong-growing plants. Height 3 to 5 feet. Pkt., 25c; large pkt., 75c.

NIEREMERGIA, PURPLE ROBE

Bronze Medal, All-America Selections. A very fine deep violet-purple form of the popular Nierembergia hippomanica. It maintains its deep color, does not fade, has a neat, compact, free-flowering habit and blooms from seed in 15 weeks. Plants grow 4 to 6 inches high. Pkt., 25c; large pkt., 75c.

PETUNIA, GIANTS OF CALIFORNIA, GLAMOUR

Honorable Mention, All-America Selections. A luscious shade of salmon-rose in the Giant Ruffled Petunia type, faintly veined brown in the creamy open shallow throat. Strong, robust, extremely free-blooming and an entirely new shade in this type of Petunia. Pkt., 25c; large pkt., 85c.

All-America Winners

AND NOVELTIES
FOR 1943



Petunia, Igloo

PANSY, New Sunshine Art Shades

Summer Blooming Pansy. This new strain has been developed from a type that is free flowering and blooms exceedingly well during the hot summer months. A beautiful range of delightful bright pastel and art shades, containing many unusual tints and blotches. Pkt., 25c; large pkt., 85c.

PETUNIA, IGLOO

Bronze Medal, 1943 All-America Selections. This new extra compact white Petunia produces flowers of medium size, pure white with a slight yellow throat, and coming 100 per cent true. The plants are uniformly compact throughout the season, and continue to flower until frost. The plant is a perfect mound of white, 8 to 10 inches in height, reminding one of an Eskimo igloo. This variety is ideal for borders. Pkt., 25c; large pkt., \$1.00.

PETUNIA, ENGLISH VIOLET

Honorable Mention, 1943 All-America Selections. A new and most pleasing shade of violet-blue Petunia, different from any other of the mid-blue varieties. It is almost the same beautiful color as English Violets. Very important, it will hold this uniform color throughout the season. The plants grow normally 15 inches high, quite compact, and we believe the best made blue dwarf bedding Petunia yet introduced. Pkt., 25c; large pkt., 75c.

Outstanding Petunias Exclusive With Michell's

New Victory. An extra dwarf, super giant Petunia. Huge deep throated fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt., 35c; large pkt., \$1.00.

New Dazzler. The brightest and most colorful Petunia yet introduced. The flowers are brilliant shades of orange and rosy scarlet. Plain and semi-ruffled, gold and white throated. Large blooms on plants of dwarf, compact habit. Fine for bedding or window boxes. See back cover for color illustration. Pkt., 35c; large pkt., \$1.00.

New Improved Admiral. A very superior selected strain. Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt., 35c; large pkt., 75c.

Collection of 1 pkt. each of the above 3 superb Petunias for 90c.

Adorable, Dwarf, Single, Fringed Lace Veil Type. An exclusive Michell introduction. As the name implies this is really an adorable Petunia. The flowers are of medium size and beautifully fringed. Color is a pleasing shade of rose-pink with white, delicately veined throats. Pkt., 25c; large pkt., 85c.

Beauty, New Dwarf Single Giant Ruffled. An exclusive Michell introduction. Here we have a Petunia that is really a beauty. The flowers are quite large and well fluted, with veined throats, and the color is a bright clear salmon, a shade that will always please. The habit is dwarf, compact; very early and free flowering. Pkt., 25c; large pkt., 85c.

Mars, Single-Flowered Grandiflora Hybrids. New. This new variety is the deepest crimson and largest-flowered to date. The color is deeper than Flaming Velvet, and the flowers are huge, measuring 4 inches across. Pkt., 25c; large pkt., 60c.

Radiance, Single Hybrida Type. Silver Medal. A very brilliant and rich rose or cerise color with brown-veined, yellowish throat. Flowers 1 3/4 to 2 inches across. Height 1 to 1 1/2 feet. Pkt., 25c; large pkt., 50c.

PHLOX GIGANTEA, RED GLORY

Honorable Mention, All-America Selections. Here is the brightest color that we have ever seen in a Phlox. It is brilliant red with a contrasting white eye. Red Glory is identical in type, habit of growth and size of bloom to the Gigantea Art Shades. Pkt., 25c; large pkt., 75c.

STOCKS

Michell's Rose Beauty, Giant Column Double Excelsior. A fine new variety with exceedingly large double florets. The color is a clear La-France-rose-pink—a very popular shade. We believe this Stock to be the outstanding pink in this type. Pkt., 25c; large pkt., \$1.00.

VERBENA HYBRIDA GRANDIFLORA

Annapolis Blue. Novelty. The first mid-blue Verbena that does not have a tendency to have a purple cast to the florets—a real deep Belladonna-blue. A strong husky grower with large trusses of 3-inch flowers. Pkt., 25c; large pkt., 75c.

Roseglow. Novelty. A very unusual color—deep glowing rose shading to orange-scarlet, so luminous that each plant has the appearance of a small flat fountain of fire. This new Verbena is decidedly free flowering. When in full bloom each plant will average forty flowering clusters. Pkt., 25c; large pkt., 60c.

Dwarf Erect Compact Varieties Patriotic Red, White, and Blue Collection

The following three Verbenas, if started early, will make a fine red, white and blue color display in the garden.

Red Sentinel. Novelty. This is a true Dwarf Compact variety having flowers of an intense bright red with no eye. Each plant produces from 12 to 15 flowering clusters, 6 to 8 inches high. Pkt., 25c; large pkt., 75c.

White Ball. Novelty. A petite-growing Verbena only 7 inches high with a score or more of stiff, erect branches, each bearing 3 to 5 heads of 2-inch florets. The color is pure white. Pkt., 25c; large pkt., 75c.

Blue Sentinel. All-America. Rich violet-blue. Pkt., 15c; large pkt., 75c.

COLLECTION PRICE: 1 pkt. each, 3 varieties, 50c.

XANTHISMA TEXANUM, STAR OF TEXAS

One of the prettiest annuals and deserves to be very popular. Flowers are single, Daisy-like, with long, pointed petals. The color is a light canary-yellow. Stems are wiry and excellent for cutting. Will do well in dry open places. Pkt., 25c; large pkt., 60c.

ZINNIA, ROYAL PURPLE

Honorable Mention, All-America Selections. The deep rich reddish purple tones of this Zinnia are a charming reminder of the soft velvet of royal robes. The plants grow on the average 2 1/2 to 3 feet tall and its extra large, double blooms are about 4 inches in diameter. Pkt., 25c; large pkt., 60c; 1/4 oz., 90c.



Xanthisma Texanum

Michell's "Distinctive" Flower Seeds

FOR NOVELTIES AND SPECIALTIES,

See Pages 21 and 22

During our fifty-three years of service to American garden lovers, we have always maintained a reputation for seed of superior quality. The success of our many customers in growing superior plants has strengthened our conviction that we shall supply only those varieties and strains of finest quality.

In the pages that follow, all of our flower seeds are arranged alphabetically. The annuals, biennials, and perennials are carefully marked so that those who are not familiar with the different kinds of plants will not be confused.

Annuals. These grow to maturity, bloom, ripen their seed, and die the same year. Asters, Poppies, Sweet Peas, Morning Glories, and Zinnias are typical examples. Some of these Annuals are sown in a sunny window indoors, or in a hotbed or cold frame from March to May in order to get an early start. Seed of practically all Annuals can be sown in the open ground after danger of frost has passed.

Abutilon - Flowering Maple

Choice Mixed. Foliage of maple form. Flowers bell-shaped. 3 to 4 ft. Pkt., 10c; large pkt., 75c.

Acroclinium

See Everlasting Flowers, page 31.

Ageratum - Floss Flower

One of the best bedding plants, being literally a mass of bloom from early summer till frost.

MICHELL'S BLUE BOY. See page 21 for description. Pkt., 25c; large pkt., 75c; 1/4 oz., \$1.50.

Midget Blue. Silver Medal, All-America Selections. A fine dwarf Ageratum 3 inches high with small true Ageratum-blue flowers. Small pkt., 25c; large pkt., 75c.

Blue Cap. A fine, dwarf, very compact variety. Flowers larger than Little Blue Star. Pkt., 15c; large pkt., 75c.

Blue Bell. Dwarf, bell-shaped plants. Very large blue flowers. 6 in. Pkt., 10c; large pkt., 30c.

Blue Perfection. Large heads of deep blue flowers. 1 ft. Pkt., 10c; large pkt., 25c.

FAIRY PINK. A delightful soft salmon-rose-pink color. Dwarf and compact. Pkt., 25c; large pkt., 75c.

Little Blue Star. Plants densely covered with bright blue flowers. 5 in. Pkt., 15c; large pkt., 60c.

Imperial Dwarf White. Pkt., 10c; large pkt., 25c.

Alyssum

ANNUAL VARIETIES

VIOLET QUEEN. New, dwarf, compact form, flowers of which are a pretty bright violet tint. A decidedly brilliant shade, and a variety that will come very true from seed. Pkt., 15c; large pkt., 60c; 1/4 oz., \$1.00.

Lilac Queen. Dwarf, compact grower. Flowers pure lilac color. 4 in. Pkt., 10c; large pkt., 25c; oz., 75c.

Little Gem. Plants dwarf, compact, densely covered with white flowers. 4 in. Pkt., 10c; large pkt., 25c; oz., 90c; 1/4 lb., \$3.00.

***MICHELL'S BOUQUET.** Carpet of Snow. The dwarf, compact plants bear a perfect bouquet of miniature white flowers. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Sweet (A. maritimum). Fragrant, white-flowering trailing variety. 6 in. Pkt., 10c; large pkt., 25c; oz., 60c; 1/4 lb., \$1.75.

ALYSSUM—CONTINUED

PERENNIAL VARIETIES

***Rock Garden Hybrids, Mixed.** A rare perennial species, excellent for the rock garden. Pkt., 25c; large pkt., 75c.

***Saxatile compactum (Basket of Gold).** An ideal hardy perennial plant with showy golden yellow flowers in May. Excellent for rockwork. 1 ft. Pkt., 10c; large pkt., 40c; oz., \$1.50.

***Saxatile compactum, Silver Queen.** Pole primrose-yellow. Pkt., 15c; large pkt., 40c; 1/4 oz., \$1.00.

Amaranthus

These decorative foliage plants are easily raised from seed, either by starting them early indoors or sowing outdoors in May.

Molten Fire (Summer Poinsettia). Extremely ornamental and the most beautiful of all Amaranthus. Leaves dark bronze, center Poinsettia-red. Pkt., 25c; large pkt., 60c.

Tricolor splendens (Joseph's Coat). Foliage green, variegated crimson and yellow. 2 ft. Pkt., 10c; large pkt., 25c.

Mixed. Pkt., 10c; large pkt., 25c.

Ampelopsis

(Boston or Japanese Ivy)

Veitchi. Hardy perennial climber with olive-green leaves which turn scarlet in autumn. Pkt., 10c; large pkt., 25c; oz., 40c.



Alyssum



Anchusa Italicata

Anchusa - Sea Bugloss

Blue Bird. Dwarf, compact grower. Flowers bright indigo-blue. Pkt., 10c; large pkt., 75c.

Capensis (Cape Forget-me-not). A fine blue annual variety, blooming all summer. 1 1/2 ft. Pkt., 10c; large pkt., 25c.

Italica, Dropmore. Hardy perennial plant with lovely gentian-blue flowers. 3 to 4 ft. Pkt., 10c; large pkt., 25c.

***Myosotidiflora.** Perennial with small Forget-me-not-like blue flowers. Fine for the rockery. 15 in. Pkt., 25c; large pkt., 75c.

Anemone - Windflower

***Pulsatilla** (Pasque Flower). Violet-lilac. 1 ft. Pkt., 15c; large pkt., 75c.

St. Brigid or Poppy. Flowers large, semi-double and double, in many colors. 1 1/2 ft. Pkt., 15c; large pkt., 50c.

Anthemis - Hardy Marguerite
A handsome, hardy perennial, bearing Daisy-like flowers all summer. Excellent for cutting.

***Montana.** Pure white. 1 ft. Pkt., 10c; large pkt., 50c.

Tinctoria Kelwayi. Bright yellow. 2 ft. Pkt., 10c; large pkt., 30c.

Arabis - Rock Cress

***Alpina.** Early spring-flowering perennial especially adapted for edging and rockery. Pure white blossoms. 1 ft. April, May. Pkt., 10c; large pkt., 25c.

***Alpina rosea.** Bright rose. Very dwarf. 8 in. Pkt., 25c; large pkt., \$1.00.

ANTIRRHINUM-Snapdragon

NEW SUPER MAJESTIC RUSTPROOF

This new group is superb as a cut flower or for bedding.

Crimson Shades. Garnet and ruby shades. Pkt., 25c; large pkt., 75c.

Dainty. Delightful soft pink. Pkt., 25c; large pkt., 75c.

Orange Shades. Orange and gold shades. Pkt., 25c; large pkt., 75c.

ROSE SENSATION. Novelty. A beautiful rich rose-pink. The flowers are huge, both tube and flower being one solid color. Pkt., 25c; large pkt., 75c.

Rose Shades. Shades of rose and pink. Pkt., 25c; large pkt., 75c.

Super Majestic Mixture. Pkt., 25c; large pkt., 75c; 1/4 oz., \$1.25.

RUSTPROOF VARIETIES

This strain has proved excellent under wet outdoor conditions and the flowers are better than 75 per cent rustproof. 2 to 3 ft.

Each plant produces from 15 to 18 spikes, which are non-lateral, with flower heads 10 to 14 inches long.

MAJUS GRANDIFLORUM, R. R. REVEILLE. Novelty. A gorgeous new Snapdragon. For description see Novelties, page 21. Pkt., 25c; large pkt., \$1.00.

MICHELL'S NEW IMPROVED RUSTPROOF, CHEVIOT MAID SUPREME. Large, coral-rose, non-shattering flowers. Pkt., 25c; large pkt., 85c.

MICHELL'S NAOMI. Brilliant rose-pink with light touch of yellow on upper lip. Large pkt. only \$2.00 each.

MICHELL'S EXCLUSIVE GOLDEN JUBILEE INTRODUCTION, QUAKER MAID. Description of this great Rustproof Snapdragon in the Novelties on page 21. Pkt., 25c; large pkt., 75c.

MAXIMUM RUSTPROOF VARIETIES

Campfire. A new color in Antirrhinums—pure luminous scarlet, free from orange or bluish tinges. Pkt., 15c; large pkt., 60c.

Canary Bird. Brilliant canary-yellow flowers very closely spaced on the stem. Pkt., 15c; large pkt., 60c.

Copper Shades. An outstanding variety because of the many orange and copper shades. Pkt., 15c; large pkt., 60c.

Crimson. Color pure, crimson, overlaying a ground of orange, giving the effect of a fiery crimson. Pkt., 15c; large pkt., 60c.

Daffodil. Two-tone Daffodil-yellow. Pkt., 15c; large pkt., 60c.

Indian Summer. Coppery orange and scarlet. Pkt., 15c; large pkt., 60c.

Loveliness. A most attractive pure, soft rose-pink. Pkt., 15c; large pkt., 60c.

PARADISE ROSE. Beautiful soft rose-pink; long spikes. Especially fine for cutting. Pkt., 15c; large pkt., 60c.

Rosalie. All-America. Rich deep rose with an underlying tone of topaz or amber. Pkt., 25c; large pkt., 60c.

Shasta. Color pure white. Very early and free flowering. Pkt., 15c; large pkt., 60c.

SWINGTIME. A lovely new color combination—soft pink with white tube. Pkt., 15c; large pkt., 60c.

YELLOW GIANT. Striking deep yellow. Pkt., 15c; large pkt., 60c.

University of California Mixture. All-America Winner. A combination of colors, the result of extensive crosses, making this a really fine mixture. Pkt., 15c; large pkt., 50c; 1/2 oz., \$1.25; oz., \$2.00.

NANUM GRANDIFLORUM Semi-Dwarf, Rustproof Varieties

Height 1 to 2 feet.

MICHELL'S DANDY. Exclusive Michell introduction. Full description of this wonderful new Snapdragon will be found among the Novelties on page 21. Pkt., 25c; large pkt., \$1.00.

Appleblossom. New. This is the first pale pink to be offered in this group. Color of flowers is the well known apple-blossom-pink. Pkt., 25c; large pkt., 75c.

Princess. The colors are brilliant salmon-rose, a glowing shade under artificial lights. Pkt., 25c; large pkt., 75c.

MICHELL'S WHITE. The best pure white in this group. A fine variety. Pkt., 25c; large pkt., 75c.

ANTIQUE GOLD. A new color in this group—shades of old gold, copper, and orange. Pkt., 15c; large pkt., 60c.

Carmine-Rose. Light carmine-rose, yellow lip. Pkt., 15c; large pkt., 60c.

Red Boy. Bright carmine-rose and yellow. Pkt., 15c; large pkt., 60c.

Tangerine. New. Brilliant bronzy orange. Pkt., 15c; large pkt., 60c.

Wildfire. Orange-scarlet, yellow lip. Pkt., 15c; large pkt., 60c.

Yellow Gem. Clear golden yellow. Pkt., 15c; large pkt., 60c.

Mixed. A superior mixture. Pkt., 15c; large pkt., 50c.

SPECIAL FORCING VARIETIES

Afterglow. Golden bronze. Large pkt. only, \$1.25.

Ceylon Court. Canary-yellow. Large pkt., only, 85c.

Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stems. Large pkt. only, 85c.

Coates' Yellow Perfection. Fine, deep yellow. Medium early. Large pkt. only, 85c.

Lucky Strike. New. The best large-flowering white to date. Large pkt. only, 85c.

Rose Queen. Dark pink. Large pkt. only, 85c.

White Rock. An extra-early pure white sort. Pkt., 25c; large pkt., 75c.

Special Forcing, Mixed. Pkt., 25c; large pkt., 75c.

MICHELL'S GIANT TALL VARIETIES

These are not rustproof.

Flowers very large, produced on long spikes and invaluable for cutting. 2 1/2 to 3 ft.

Giant Brilliant Rose. Pkt., 10c; large pkt., 40c.

Giant Crimson King. Rich crimson. Pkt., 10c; large pkt., 40c.

Giant Golden King. Fine golden yellow. Pkt., 10c; large pkt., 40c.

Giant Harmony. Orange, shaded rose. Pkt., 10c; large pkt., 40c.

Giant Queen Victoria. Pure white. Pkt., 10c; large pkt., 40c.

Giant Mixed. All colors. Pkt., 10c; large pkt., 40c; oz., \$1.25.

SEMI-DWARF VARIETIES

These are not rustproof.

The semi-dwarf sorts grow about 1 1/2 feet high, with large flowers. Excellent for bedding.

Royal Rose. Rich rose-pink. Pkt., 25c; large pkt., 75c.

Saint George. Golden orange-cerise. Pkt., 25c; large pkt., 75c.

Amber Queen. Canary-yellow, overlaid chamois-pink. Pkt., 10c; large pkt., 40c.

Firebrand. Rich deep red. Pkt., 10c; large pkt., 40c.

Gloria. Rich deep rose. Pkt., 10c; large pkt., 40c.

Golden Queen. Golden yellow. Pkt., 10c; large pkt., 40c.

Nelrose. Pure rose-pink. Pkt., 10c; large pkt., 40c.

Purity. Pure white. Pkt., 10c; large pkt., 40c.

Mixed. All colors. Pkt., 10c; large pkt., 30c; oz., \$1.25.

TOM THUMB VARIETY

Mixed Colors. These grow about 1 foot high. Pkt., 10c; large pkt., 40c.

Arctotis - African Daisy

Grandis. Large, Daisy-like flowers; pure white on upper surface, reverse petals lilac. 3 ft. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Asclepias - Butterfly Weed

Tuberosa. Showy perennial. Brilliant orange-scarlet flowers. 2 ft. Pkt., 15c; large pkt., 60c.

Asparagus

Plumosus nanus. An excellent plant for house or conservatory decoration, or cutting, on account of its graceful, finely cut foliage. Pkt., 10c; 100 seeds, 50c.

Sprengeri. One of the best plants to grow in hanging baskets or window boxes, vases, etc. Pkt., 10c; 100 seeds, 50c.

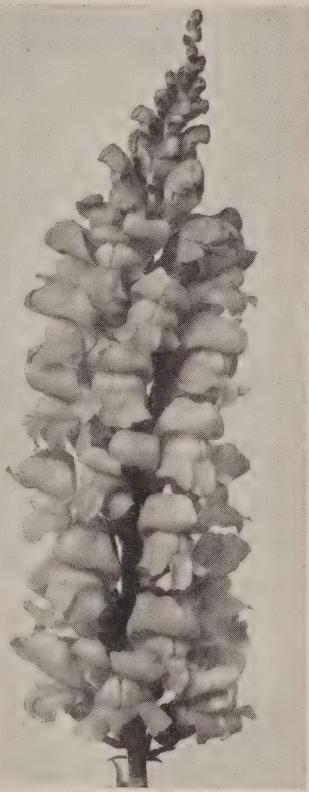
Aubrieta - Rainbow Rock Cress

A dwarf, spring-flowering perennial, growing about 6 inches high. Fine for rockeries.

Bougainvillea. Dark blue \$0.15 Large pkt. \$0.75

Deltoides. Lavender-blue15 .60

New Large-Flowering Hybrids, Mixed15 .75



Antirrhinum, Rosalie

Michell's SUPERB ASTERS

Special Note: While this lovely fall flower is very easily grown from seed, the greatest possible care should be exercised with the seed bed. Old soil and boxes should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible. Barnyard manure should never be employed as a fertilizer; we recommend the use of fine-ground bone meal. Asters should not be grown in the same location two years in succession.

Novelty Fusarium-Wilt Resistant Strains

We believe the following varieties are practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

VICTORY GIANTS MIXED. Honorable Mention, 1943 All-American Selections. A splendid extra early Giant of California or Comet type. Strong sturdy plants, branching habit, growing 3 feet tall. The flowers average 5 inches across, and in a fine range of colors, including salmon-pink. Really a well-balanced mixture without reds. A splendid type for bedding and cut flowers. Small pkt., 25c; large pkt., 75c.

EARLY GIANT, ROSE MARIE. Honorable Mention, All-American Selections. A fascinating, rich, lively shade of rose, the flowers are 4 to 5 inches in diameter, full, with broad, graceful petals, daintily plumed and intertwined. Pkt., 25c; large pkt., 75c.

EARLY GIANT, LIGHT BLUE. All-American Winner. Flowers are large and full, with broad, graceful petals, daintily plumed and intertwined. The plants are 2 feet high and very free and early blooming. Pkt., 25c; large pkt., 60c.

PEACH BLOSSOM. Very attractive, large, full-petaled flowers. A delightful shade of light pink turning to lavender-pink when fully matured. Pkt., 25c; large pkt., 60c.

GOLDEN SHEAF. The deepest yellow Aster yet introduced. Flowers are fully double, with an attractive crested center, of good substance and firm depth of petal on long stems. Pkt., 15c; large pkt., 60c.

GIANT COMET, SALMON QUEEN. Clear, pure salmon, blending to rich golden salmon at the center. Flowers large, well formed, of the feathery Comet type on long-stemmed, early-flowering, upright plants. Pkt., 15c; large pkt., 60c.

GIANT COMET, BLUE FLAME. Bright navy-blue, distinct from any other blue Aster now offered. Flowers are fully double, with long stems. Fine for cutting. Pkt., 15c; large pkt., 60c.

AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the well-known Late Branching Asters, but differs in that all the large blossoms are produced on much longer and heavier stems.

	Pkt.	Large
	pkt.	pkt.
Azure Fairy	\$0.15	\$0.60
Carmine-Rose	.15	.60
Purple	.15	.60
Shell-Pink	.15	.60
White	.15	.60
Mixed	.15	.50

COLLECTION

One pkt. each of above 6 colors, 65c.

HEART OF FRANCE

	Pkt.	Large
	pkt.	pkt.
Ruby Red	\$0.15	\$0.60

EARLY ROYAL BRANCHING ASTERS

Fusarium-Wilt Resistant Strains

An excellent strain of Early Branching Aster, of the same form and having the same good qualities as the Late Branching variety, but coming into bloom in July or early August.

	Pkt.	Large
	pkt.	pkt.
Azure-Blue	\$0.15	\$0.60
Lavender	.15	.60
Peach Blossom	.15	.60
Purple	.15	.60
Rose-Pink	.15	.60
White	.15	.60
Mixed	.15	.50

COLLECTION

One pkt. each of above 6 colors, 65c.



California Sunshine Aster

CREGO'S GIANT COMET ASTERS

Gigantic flowers, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge Chrysanthemum.

	Pkt.	Large
	pkt.	pkt.
Crimson	\$0.15	\$0.60
Deep Rose	.15	.60
Lavender	.15	.60
Shell-Pink	.15	.60
Violet	.15	.60
White	.15	.60
Mixed	.15	.50

COLLECTION

One pkt. each of 6 colors, 65c.

IMPROVED QUEEN OF THE MARKET ASTERS

Very desirable on account of its earliness and the freedom with which it blooms. Well-formed flowers are produced on 12-inch stems in the greatest profusion early in July.

	Pkt.	Large
	pkt.	pkt.
Crimson	\$0.15	\$0.60
Dark Blue, Purple	.15	.60
Light Blue, Lavender	.15	.60
Peach Blossom	.15	.60
Rose-Pink	.15	.60
White	.15	.60
Mixed	.15	.50

COLLECTION

One pkt. each of above 6 colors, 65c.

MICHELL'S IMPROVED SEMPLÉ'S AMERICAN BRANCHING ASTERS

This is the finest late-blooming Aster. The deep, heavy, incurved flowers are borne on rigid stems, often 2 feet and more in length. Our Improved Strain has been secured after many years of careful selection.

	Pkt.	Large
	pkt.	pkt.
Azure-Blue	\$0.15	\$0.60
Crimson	.15	.60
Deep Rose	.15	.60
Lavender	.15	.60
Pearless Pink	.15	.60
Purple	.15	.60
Shell-Pink	.15	.60
White	.15	.60
Mixed	.15	.50

COLLECTION

One pkt. each of 6 colors, our selection, 65c.

Asters, Regular Strains

Not Wilt-Resistant.

CALIFORNIA MARKET

Tall, giant, single-flowered, excellent for cutting. The large, Daisy-like flowers are very adaptable for floral arrangements.

	Pkt.	Large
Apple Blossom	Flesh-pink	\$0.10
Gleam of the Garden	Scarlet	.10
Lavender		.40
Rose		.40
Violet		.40
White		.40
Mixed		.40

CALIFORNIA GIANT ASTERS

The flowers of this variety are of the Grego type, with the habit of growth and long stems of the Beauty type. Flowers large and stand up well after being cut. Their immense size and beauty, as well as their long stems, make them very attractive.

	Pkt.	pkf.
Dark Purple		\$0.15
Deep Rose		.15
Light Blue		.15
Peach Blossom		.15
White		.15
Mixed Colors		.15

COLLECTION

One pkt. each of above 5 colors, 60c.

NEW GIANT PEONY-FLOWERED ASTERS

This is an exceptionally fine strain with flowers of immense size, very double, and borne on long, stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other Aster.

	Pkt.	Large
Azalea Fairy	Clear azalea-blue	\$0.25
Maiden's Blush	Delicate flesh-color	.25
Purple Robe	Clear purple	.25
Rosebud	Deep rose	.25
Swansdown	Pure white	.25
Mixed		.25

SINGLE GIANT CALIFORNIA SUNSHINE ASTERS

This supremely beautiful new race of Asters is the result of a direct cross between California Giant and the Dwarf Sunshine type. The plants grow 3 feet high and bear blossoms 5 to 6 inches across, on long, stiff stems. The dual color-tone effects formed by the quilled discs and encircling guard petals are lovely beyond description; the quilled discs are lighter than the guard petals and as the flowers age the lemon centers turn to the color of the outer petals.

	Pkt.	pkf.
Lavender		\$0.25
Light Blue		.25
Rose		.25
Shell-Pink		.25
White, Lemon Center		.25
White, Orange Center		.25
Mixed		.25

COLLECTION

One pkt. each of above 6 colors, \$1.25.

TWO NOVELTY SUPER GIANT ASTERS

Giants of California late type, the largest yet introduced. Very artistic, due to the unusual curling and interlacing of the petals.

EL MONTE. A deep, glowing crimson. Flowers are large and fluffy, on heavy, non-lateral basal branched stems. Very early. Pkt., 20c; large pkt., 75c.

LOS ANGELES. Pure shell-pink. Stems unusually long. Pkt., 15c; large pkt., 75c.

Aquilegia - Columbine

These are among the most beautiful of spring and early summer flowers. Very effective when grown in the herbaceous border and in groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

FOUR BEAUTIFUL NEW AQUILEGIAS

CLEMATIFLORA, CHOICE MIXED. New. Spurless Columbine with beautiful open flowers like Clematis. Contains all colors with the exception of deep red. Pkt., 25c; large pkt., \$1.00.

COPPER QUEEN. Lovely deep copper, with long spurs of deeper blue. Pkt., 25c; large pkt., 75c.

CRIMSON STAR. This new long-spurred variety is outstanding. The color combination is rich blood-red with the center petals pure white. Pkt., 25c; large pkt., 75c.

LONGISSIMA. The most beautiful Long-Spurred Aquilegia. The flowers are of striking formation, with deep yellow petals, paler yellow sepals and spurs 4 to 5 inches or more in length. Pkt., 25c; large pkt., \$1.00.

Collection—1 pkt. each, 4 varieties, for 85c

SELECT LONG-SPURRED AQUILEGIA

These are unquestionably the finest types of this excellent garden perennial. The plants are of strong, robust growth and very free flowering.

Blue Shades. Pkt., 25c; large pkt., 75c.

Orange and Scarlet Shades. Pkt., 25c; large pkt., 75c.

Pink and Rose Shades. Pkt., 25c; large pkt., 75c.

Snow Queen. Pure white. Pkt., 25c; large pkt., 75c.

Mrs. Scott Elliott's Select Strain. Choice mixed. Pkt., 25c; large pkt., 85c.

Hybrids. Mixed colors. Pkt., 10c; large pkt., 60c.

***Alpina.** Blue and white. Fine for rock gardens. 1½ ft. Pkt., 10c; large pkt., 50c.

Californica hybrida, Mixed. Principally yellow and orange shades. Long spurs. Pkt., 10c; large pkt., 50c.

Canadensis. The scarlet and yellow native species. Pkt., 10c; large pkt., 50c.

Caerulea (Rocky Mountain Columbine). Large, violet-blue and white flowers. Pkt., 10c; large pkt., 60c.

Double, Mixed. All colors. Pkt., 10c; large pkt., 25c; oz., 90c.

Single, Mixed. All colors. Pkt., 10c; large pkt., 25c; oz., 90c.

Auricula - Primula auricula

***Choice Mixed.** Beautiful low-growing, early spring-flowering plant. Fine for borders, pot culture, etc. Half-hardy perennial. 6 in. May. Pkt., 10c; large pkt., 75c.

Baby's Breath

See Gypsophila, page 31.

Bachelor's Button

See Centaurea and Gomphrena, pages 28, 31.

Baileya multiradiata

(Desert Sun Ray)

Fine annual, growing 1 foot high, with grayish green foliage. The flowers are handsome and Daisy-like, 1½ inches across, composed of many bright yellow rays. Excellent as a cut flower, and fine for dry locations. Small pkt., 25c; large pkt., 60c.

Balloon Vine - Love-in-a-Puff

A rapid-growing annual climber with white flowers, followed by inflated seed pods. Pkt., 10c; oz., 25c.

Bean, Runner

Scarlet. A rapid climber, flowering profusely. Grows 10 to 15 feet high. Pkt., 10c; ½ lb. 40c; lb., 60c; 5 lbs., \$2.75.

Double Balsam - Lady's Slipper

An old and popular garden flower of easy culture. Gorgeous masses of brilliantly colored, double flowers are produced in the greatest profusion. 2 ft.

Camellia-Flowered, Choicest Mixed. Pkt., 10c; large pkt., 25c; oz., \$1.25.

Double Bush-Flowered. This is a new type of dwarf, bush-flowering Balsam. The plants grow 6 to 8 inches tall, are very compact, and entirely covered with double flowers, which make them ideal for edging the rock garden or for window boxes.

Choice Mixed. Pkt., 15c; large pkt., 50c; ¼ oz., \$1.00.

Balsam Apple - Momordica

Remarkably handsome climbing annuals, bearing ornamental orange-colored fruit. Pkt., 10c; large pkt., 30c; oz., 85c.

Baptisia - False Indigo

Australis. A strong-growing perennial plant 3 feet high. Dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers. June and July. Pkt., 10c; large pkt., 50c.

Begonia Evansiana

An excellent, tender perennial Begonia for planting in the shade. Large green foliage, big trusses of light pink flowers. Height, 15 inches. Pkt., 35c.



Aquilegia Longissima

Begonia semperflorens

The following varieties are unsurpassed for bedding plants, thriving equally well in partially shaded or sunny locations. As pot plants for winter flowering, they are superb.

Darling. Novelty. Plants are ball-shaped, of dwarf habit, growing about 8 inches high. Flowers large and of a brilliant carmine-red. Most effective for beds and borders. Pkt., 35c; large pkt., \$1.00.

Christmas Cheer. Flowers bright crimson-scarlet and produced in immense quantities; fine for Christmas forcing. Pkt., 25c; large pkt., \$1.25.

Choice Mixed. All colors. Pkt., 25c; large pkt., 75c.

Begonia gracilis

One of the finest outdoor flowering Begonias. 1 ft.

Carmen. Bright pink. Bronze foliage. Pkt., 35c; large pkt., \$1.25.

Indian Maid. Bright, deep scarlet flowers and dark bronze foliage. Pkt., 25c; large pkt., \$1.25.

Prima Donna. Rose, shading to carmine. Pkt., 25c; large pkt., \$1.25.

White Pearl. Lovely white variety. Pkt., 25c; large pkt., \$1.25.

Begonia, Tuberous-Rooted

These are very popular because they are of easy culture and extremely showy. Thrive in semi-shady situations.

Single, Choice Mixed\$0.25 \$1.25

Bellis perennis

See Daisy, page 29.

Blue Lace Flower

See Didiscus, page 30.

Brachycome

Choice Mixed (Swan River Daisy). A free-flowering, dwarf-growing annual, 1 foot tall, covered during the greater part of the summer with a profusion of dainty flowers. Pkt., 10c; large pkt., 25c.

Browallia

A favorite bedding plant, producing beautiful flowers during the summer and autumn months. Blooms well in winter if the plants are lifted in the autumn and cut back. 1½ ft.

Elate caerulea. Large, sky-blue flowers. Pkt., 10c; large pkt., 30c.

Speciosa major. Flowers large, ultra-marine-blue. Pkt., 20c; large pkt., 75c.

Viscosa compacta, Sapphire. Large, dark blue flowers with white eyes. Pkt., 20c; large pkt., 75c.

Cactus

All Kinds, Mixed. Growing Cacti from seed is easy and interesting. Seed germinates irregularly over a period of 14 to 40 days. Pkt., 25c; large pkt., 75c.

Calceolaria

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocket-like flowers.

Albert Kent Hybrids. A fine English variety for either greenhouse or outdoor culture. Flowers medium size in large, graceful clusters in an excellent mixture. Pkt., 50c; large pkt., 85c.

MICHELL'S RAMONA. This is a: Hybrid grandiflora nana type. It is exceptionally free flowering, of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigereid, and the mixture contains a fine range of color in bronze, yellow, and red. Pkt., 50c; large pkt., \$1.25.

Hybrida grandiflora, Tall Mixed. Large, self-colored flowers from a choice collection. 1½ ft. Pkt., 25c; large pkt., 85c.

Hybrida grandiflora pumila compacta. Dwarf, compact grower, with immense trusses of large, self-colored and spotted flowers. 1 ft. Pkt., 25c; large pkt., 85c.

Tuberous-rooted Begonias for that shady place

Calendula - Pot Marigold

Free-flowering, showy annuals of easy culture, 1 ft.

SUNBEAMS. An exclusive Michell Novelty. An exquisite blending of many delightful shades and color combinations, from pale cream to deep orange. Flowers are of various types and forms, excellent for cutting. Pkt., 25c; large pkt., 60c; 1/4 oz., \$1.00.

ORANGE SHAGGY. All-America Winner. A distinct break in Calendulas. Petals long and distinctly fringed or laciniated; color, deep orange, shading to slightly lighter orange in center of blooms. Stems long. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Campfire (Sensation). Fine orange variety, with a scarlet sheen and full yellow center. Pkt., 15c; large pkt., 60c; oz., \$2.50.

Chrysanthemum (Sunshine). All-America Winner. The large, double, clear Buttercup-yellow flowers bear a striking resemblance to a Chrysanthemum. Long stems. Pkt., 15c; large pkt., 30c; oz., \$1.00.

Michell's Special Forcing, Orange. Pkt., 15c; large pkt., 50c; oz., \$1.25.

Ball Lemon Queen. Medium deep yellow, with an attractive dark brown center. Pkt., 15c; large pkt., 60c; oz., \$2.50.

Ball Orange. Bright, glowing orange. Pkt., 15c; large pkt., 60c; oz., \$2.50.

Lemon King. Lemon-yellow. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Orange King. Rich dark orange. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Mixed Colors. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Calliopsis

ANNUAL VARIETIES

Showy and easily grown annuals. Perfect little bushes which are a mass of bloom from early summer until cut down by frost. Excellent for cutting.

GOLDEN CREST. Award of Merit, All-America Seed Selections. Color rich orange-yellow or gold with brown center. Many of the flowers have a double row of petals. Free-flowering, with stems 1 foot long. Excellent for cutting, and has a pleasing fragrance. Pkt., 15c; large pkt., 30c; oz., 90c.

Tall Varieties, Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

Dwarf Varieties, Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

Campanula

ANNUAL SINGLE

A new variety which blooms from seed in less than six months. Plants grow from 2 to 2 1/2 feet high and each produces from 6 to 8 spikes of bloom.

Blue Bell. Another new color in Campanulas—a beautiful Cambridge-blue shade. The large flowers are borne on long, strong spikes. Pkt., 15c; large pkt., 30c.

Mission Bell. This new variety is a beautiful clear pink color. Its fine large spikes of blooms are most attractive. Pkt., 15c; large ptk., 30c.

Wedding Bell. Fine large spikes of pure white flowers. Pkt., 15c; large ptk., 30c.

Choice Mixture. Blue, pink, and white shades. Pkt., 15c; large ptk., 25c.

Campanula medium

(Canterbury Bell)

Showy, hardy biennial, growing about 3 feet high, with large, bell-shaped flowers. Sow from June 1 till September 1 and when strong enough transplant to a distance of 6 inches apart. They flower the following summer, after which they die.

	Pkt.	Large pkt.	Oz.
Single Blue	\$0.10	\$0.25	.85
Single Pink	.10	.25	.85
Single White	.10	.25	.85
Single Mixed	.10	.25	.85
Double Blue	.10	.50	
Double Pink	.10	.50	
Double White	.10	.50	
Double Mixed	.10	.40	1.25



Campanula Persicifolia

Campanula medium calycanthema

(Cup-and-Saucer Canterbury Bell)

These produce beautiful, large, single flowers resembling a cup and saucer. Large

	Pkt.	pkt.
Blue	\$0.10	\$0.50
Lilac	.10	.50
Pink	.10	.50
White	.10	.50
Mixed	1/4 oz., 60c.	.10

Campanula or Bellflower

PERENNIAL VARIETIES

Well-known, hardy perennials, bearing a profusion of beautiful bell-shaped flowers. Thrive best in light rich soil.

***Carpatica, Blue.** (Carpathian Harebell). Flowers clear blue. Fine for edging. 6 in. Pkt., 10c; large ptk., 40c.

***Carpatica alba.** Pure white. Pkt., 10c; large ptk., 40c.

Pericallis grandiflora (Peach Bells). Spikes 4 feet tall; immense blue bell-shaped flowers. Pkt., 15c; large ptk., 50c.

Pericallis grandiflora alba. Pure white. Pkt., 15c; large ptk., 50c.

Pericallis, Telham Beauty. Large, china-blue bells. 2 1/2 ft. Pkt., 35c; large ptk., \$1.00.

Pyramidalis, Mixed (Chimney Bellflower). Large bell-shaped flowers. 5 ft. Pkt., 10c; large ptk., 40c.

Canary Bird Vine

(Tropaeolum canariense)

One of the most charming annual climbers, bearing hundreds of pretty, fringed, bright yellow flowers. Good for shade. Pkt., 10c; oz., 40c.

Cardinal Climber

(Quamoclit hybrida Sloteri)

A rapid grower and free bloomer. Grows to a height of 20 to 30 feet. Leaves dark green and deeply laciniated. Bears a profusion of fiery cardinal-red flowers. Pkt., 10c; large ptk., 25c; 1/4 oz., \$1.00.

Castor Oil Bean

See Ricinus, page 38.

Candytuft - Iberis

Dwarf, profuse-flowering garden annuals of easy culture and useful for bedding or borders. Bloom within 8 weeks after sowing.

***Miniatue Gem.** A dainty miniature variety. 3 1/2 inches in height, each plant producing from 4 to 6 spikes of pure white flowers. Pkt., 15c; large ptk., 30c.

Carmine. Pkt., 10c; large ptk., 25c; oz., 65c.

Crimson. Pkt., 10c; large ptk., 25c; oz., 65c.

Empress (Hyacinth-Flowered). An excellent variety. Long trusses of white flowers. Pkt., 10c; large ptk., 25c; oz., 65c.

Lavender. Pkt., 10c; large ptk., 25c; oz., 65c.

Michell's Giant White. Immense, pure white spikes of bloom. Fine for forcing under glass for cutting and for pot culture. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Pink. Pkt., 10c; large ptk., 25c; oz., 65c.

Purple. Deep rich purple. Pkt., 10c; large ptk., 25c; oz., 65c.

Rose-Cardinal. Rosy red. Pkt., 10c; large ptk., 30c; oz., 90c.

Choice Mixed. All colors. Pkt., 10c; large ptk., 25c; oz., 60c; 1/4 lb., \$1.50.

***Gibraltarica.** Perennial. Flowers lilac, shading to white. Pkt., 10c; large ptk., 40c.

***Semperivires.** Dwarf spring-flowering perennial. Flowers glistening white. Fine for rockeries. 1 ft. May. Pkt., 10c; large ptk., 60c.

Carnation

ANNUAL VARIETIES

These are general favorites for their richness of color and delightful fragrance.

MARGUERITE, GIANT-FLOWERING, ALDHOUSE MIXED. For complete description see Novelties, page 21. Pkt., 25c; large ptk., 75c.

GIANT ENFANT DE NIKE. Annual 20 inches high. The result of a cross between Chabaud's Giant and Perpetual. Plants are of robust habit, with long stems, producing flowers from 2 1/2 to 3 inches in diameter.

Red. Blood-red. Pkt., 25c; large ptk., 75c.

Rose. Deep rose. Pkt., 25c; large ptk., 75c.

Salmon. Light. Pkt., 25c; large ptk., 75c.

White. Pkt., 25c; large ptk., 75c.

Mixed. Pkt., 25c; large ptk., 75c.

Rasse Teicher Strain, Mixed. A new European variety, producing large blooms, in a fine range of colors. Choice mixture. Pkt., 25c; large ptk., \$1.00.

CHABAUD'S GIANT

Blooms in five months after seed is sown and continues to bloom throughout the summer. Flowers of fine substance and usually come 90 per cent double.

Jeanne Dionis. Pure white. Pkt., 15c; large ptk., 60c.

Marie Chabaud. Yellow. Pkt., 15c; large ptk., 60c.

Sparkler. Brilliant cardinal-red. Pkt., 15c; large ptk., 60c.

The Pearl. Beautiful rose-pink. Pkt., 15c; large ptk., 60c.

Choice Mixed. Pkt., 15c; large ptk., 50c.

MARGUERITE CARNATIONS

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

Choice Mixed. Pkt., 10c; large ptk., 40c; oz., \$1.85.

PERENNIAL CARNATIONS

Grenodin. The Grenodin Carnation is an excellent early-blooming, large-flowering type. Fine for cut flowers.

Black King. A fine dark red. Pkt., 25c; large ptk., 75c.

Cardinal. Brilliant scarlet. Pkt., 25c; large ptk., 75c.

Triumph Pink. Pure rose-pink. Pkt., 25c; large ptk., 75c.

White. Snow-white. Pkt., 25c; large ptk., 75c.

White Gold. Soft yellow. Pkt., 25c; large ptk., 75c.

Mixed. Pkt., 25c; large ptk., 75c.

Ask for our Cultural Leaflet No. 213 on the growing of Carnations.

Have you grown the new feathered Cockscomb?

Celosia plumosa

(Feathered Cockscomb)

An excellent decorative plant for the garden. The feathery plumes are produced on long stems and are fine for cutting.

Pyramidalis, Improved Flame of Fire. All-America Winner. This new type is, without doubt, the finest in the Pyramidalis group. The flowers are brilliant crimson. 1½ ft. Pkt., 25c; large pkt., 60c.

Golden Plume. Bright golden yellow plumes. Pkt., 10c; large pkt., 40c.

Heatherdell. (New Ostrich Plume Cockscomb). A fine new variety with great tufts of feathered and interlaced plumes, in a fine range of red, pink, and yellow shades. Specifically adapted for pot culture. Pkt., 25c; large pkt., 75c.

Lilliput, Fire Feather. An extra-select dwarf strain with brilliant orange-red blooms. Pkt., 25c; large pkt., 60c.

Lilliput, Golden Feather. Extra-select, dwarf strain. Color, bright golden yellow. Pkt., 25c; large pkt., 60c.

Pride of Castle Gould, Mixed. Immense flower-heads that closely resemble ostrich plumes. Colors are blood-red, carmine, yellow, orange, golden, orange-scarlet, etc. Pkt., 15c; large pkt., 60c.

Spicata. An easy-to-grow, free-branching type, each stem terminating in a round, slender, pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. Pkt., 15c; large pkt., 50c.

Scarlet Plume. Pkt., 10c; large pkt., 40c.

Choicest Mixed. All colors. Pkt., 10c; large pkt., 25c; oz., 85c.

Celosia cristata

(Crested Cockscomb)

Very desirable annuals of easy culture, producing large, brilliant, comlike heads.

Cristata, Miracle. An excellent tall-growing selection of choice color, ranging through deep crimson pinks, bronzes, yellows, making this strain an excellent cut-flower item. 40 in. Pkt., 25c; large pkt., 75c.

ROYAL VELVET. All-America Winner. New, early-blooming, basal-branching Cockscomb type. Extra-large center head of rich ruby-red with velvety texture, surrounded by numerous erect branches mounted with medium-sized combs. Plants are 2 feet high, excellent for cutting. Pkt., 25c; large pkt., 75c.

Aurea. Dwarf golden yellow. Small pkt., 10c; large pkt., 50c.

Giant Empress. Dwarf. Rich crimson. Pkt., 10c; large pkt., 50c.

Choice Mixed. Dwarf varieties. Pkt., 10c; large pkt., 40c; ½ oz., 85c.

Clematis

Paniculata (Japanese Virgin's Bower). Hardy climber. White, star-shaped flowers borne in great masses in September. Sow seed in autumn and leave outdoors over winter. Pkt., 10c; large pkt., 25c.

Cleome - Spiderflower

Pink Queen. Silver Medal, All-America Selections. Masses of curious shaped flower-heads, rose-pink in color. For complete description see Novelties, page 21. Pkt., 25c; large pkt., 75c.

Clarkia elegans

A popular annual of easy culture and much used for cutting, both indoors and out.

Double, Purple Prince. Rich purple. Pkt., 10c; large pkt., 30c.

Double, Salmon Queen. Brilliant salmon. Pkt., 10c; large pkt., 30c.

Double, Scarlet Queen. Fiery scarlet. Pkt., 10c; large pkt., 30c.

Double, Vesuvius. Orange-scarlet. Pkt., 10c; large pkt., 30c.

Double, White. Pkt., 10c; large pkt., 30c.

Double, Mixed. All colors. Pkt., 10c; large pkt., 25c; oz., \$1.25.

Single, Mixed. All colors. Pkt., 10c; large pkt., 25c; oz., \$1.25.

Centaurea cyanus

(Cornflower; Bachelor's Button)

Also known as Blue Bottle, Ragged Sailor, Bluet, etc. An old favorite garden annual. Excellent for cutting. 2 ft.

MICHELL'S SUPER-GIANT STRAIN. This super strain is the last word in giant double Corn-flowers.

Blue Boy. Deep Cornflower-blue. Pkt., 10c; large pkt., 25c; oz., 75c.

Pinkie. Clear deep pink. Pkt., 10c; large pkt., 25c; oz., 75c.

Red Boy. The best deep red. Pkt., 10c; large pkt., 25c; oz., 75c.

Snow Man. Pure white. Pkt., 10c; large pkt., 25c; oz., 75c.

Choice Mixture. Pkt., 10c; large pkt., 25c; oz., 75c.

JUBILEE GEM. This new dwarf type is very free flowering. Fine for pots or borders. Pkt., 15c; large pkt., 50c; oz., \$2.00.

CENTAUREA IMPERIALIS

(Giant Cornflower; Sweet Sultan)

The finest of all Sweet Sultans for cut-flower purposes. Gigantic, beautiful, sweet-scented flowers borne on long stems. 2 to 3 ft.

Lavender Beauty. Large flowers, 3 to 3½ inches across. An easily grown annual, excellent for cutting. Pkt., 15c; large pkt., 30c.

Brilliant Pink. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Deep Rose. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Lavender. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Lilac. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Purple. Pkt., 10c; large pkt., 25c; oz., \$1.00.

White. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Yellow (C. suaveolens). Pkt., 10c; large pkt., 25c; oz., \$1.00.

Choice Mixed. Pkt., 10c; large pkt., 25c; oz., \$1.00.

WHITE-LEAVED CENTAUREA

(Dusty Miller)

Grown for their silvery foliage and used as edging plants and hanging-baskets.

Condiddissima. Broad cut leaves of silvery gray. Pkt., 10c; large pkt., 25c; oz., 75c.

Gymnocarpa. Fine cut silvery gray foliage. Pkt., 10c; large pkt., 25c.

VARIOUS CENTAUREAS

Americana. Handsome, large, thistle-like blooms of rosy lavender. 3 ft. Pkt., 10c; large pkt., 25c.

Americana alba. Pure white. Pkt., 10c; large pkt., 25c.

Montana (Hardy Cornflower). Violet-blue. 2 ft. Pkt., 10c; large pkt., 40c.

Cerastium - Snow-in-Summer

***Tomentosum.** Perennial. Dwarf, white-leaved edging plant with white flowers. 1 ft. Pkt., 10c; large pkt., 40c.



Cheiranthus

***Allioni** (Siberian Wallflower). A biennial, but best treated as an annual. Orange flowers. Pkt., 10c; large pkt., 25c.

Chrysanthemum

ANNUAL VARIETIES

Exquisitely colored, Daisy-like flowers. **Golden Glory.** New. Large, deep canary-yellow flowers. Pkt., 10c; large pkt., 25c; oz., 60c.

Burridgeanum. White, zoned scarlet and yellow. Pkt., 10c; large pkt., 25c; oz., 60c.

Eastern Star. Primrose, brown eye. Pkt., 10c; large pkt., 25c; oz., 60c.

Evening Star. Rich golden yellow. Pkt., 10c; large pkt., 25c; oz., 60c.

Morning Star. Canary-yellow. Pkt., 10c; large pkt., 25c; oz., 60c.

Northern Star. Giant white, yellow eye. Pkt., 10c; large pkt., 25c; oz., 60c.

Purpureum. Deep purple, yellow zone. Pkt., 10c; large pkt., 25c; oz., 60c.

Single Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

Double Golden Crown. Large full double flowers of bright Buttercup-yellow. Pkt., 15c; large pkt., 40c; ¼ oz., 85c.

Double Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

PERENNIAL CHRYSANTHEMUMS

Early-Flowering Double and Semi-Double. Mixed. A perennial variety which can also be treated as an annual. Pkt., 25c; large pkt., 75c.

Geisha, Mixed (Cascade or Balcony Chrysanthemum). Suitable for hanging-baskets and porch-boxes. Masses of single flowers. Mixed colors only. Pkt., 25c; large pkt., 75c.

Shasta Daisy, Alaska. Extra-large flowers of pure glistening white. 2 ft. Pkt., 10c; large pkt., 40c.

Shasta Daisy, Conqueror. Giant, single, pure white flowers. Pkt., 10c; large pkt., 40c.

Shasta Daisy, New Giant Double White. Novelty. Fine for cutting. Flowers extra large. Pkt., 25c; large pkt., 75c.

Cineraria

Most ornamental plants for conservatory or house decoration. Seed may be sown from May to September for a succession. Our strains can not be surpassed.

CREMER'S PRIZE STRAIN

Wilt-Resistant

This excellent new strain is the result of a cross between *Multiflora nana*, *Hybrida grandiflora*, and *Stellata*. The flowers are larger than *Multiflora*. Plants very compact in habit, with small leaves. Choice mixed colors. Original large pkts. only, \$2.00 each.

MULTIFLORA WEISSENSEER

(White Sea)

A new variety with flowers almost twice the size of the regular *Multiflora* strain and in a fine range of blue, rose, and white shades, each flower having a decided white center zone. Plant of dwarf habit. Pkt., 50c; large pkt., 1.00.

MULTIFLORA GRANDIFLORA MAXIMA

Flowers measure 2 to 3 inches in diameter and produce 100 blooms and over to a plant. Mixed colors only. Pkt., 50c; large pkt., 85c.

MULTIFLORA NANA

Berlin Market Strain

Very dwarf and compact. Flowers of large size, produced in great profusion and in a range of the best colors and shades.

Mixed Colors. Pkt., 50c; large pkt., 85c.

GRANDIFLORA PRIZE

Medium Tall, Mixed. Pkt., 35c; large pkt., 85c.

Stellata hybrida, Mixed (Star Cineraria). Tall. Pkt., 25c; large pkt., 75c.

WHITE-LEAVED CINERARIA

(Dusty Miller)

Maritima candidissima. Silvery green, laciniate foliage. Good for edging. Pkt., 10c; large pkt., 25c.

Cosmos Orange Ruffles is a sensation — have you tried it?

Chinese Woolflower (*Celosia Childsi*)

Very effective for beds and borders; ball-shaped flowers, resembling silky wool. 2½ ft.
Large
Pkt. pkt.
Crimson \$0.10 \$0.50
Pink10 .50

Cobaea scandens (Cup-and-Saucer Vine)

Well-known climber of rapid growth, producing large, bell-shaped blossoms. In sowing, place the seeds edgewise and merely cover with light soil.
Large
Pkt. pkt.
Purple Oz., 85c. \$0.10 \$0.25
White10 .50

Coleus, Large-Leaved Varieties

Popular bedding plants with beautifully colored foliage. Easily grown from seed.

Glory of Vichy. A beautiful mixture of apricot, bronze, pink, and cream shades. A really fine strain with beautiful form. Pkt., 35c; large pkt., \$1.00.

Rainbow Mixture. An excellent mixture. Pkt., 35c; large pkt., \$1.00.

Choice Mixed. Pkt., 25c; large pkt., 75c.

Coreopsis

One of our most popular perennials. The attractive flowers are borne in great profusion and are excellent for cutting.

Lanceolata grandiflora. Single golden yellow flowers of graceful form. Pkt., 10c; large pkt., 25c; oz., 75c.

Lanceolata grandiflora fl.-pl. Double-flowering Coreopsis. Similar in habit to the above. Flowers double and semi-double. Splendid for cutting. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Mayfield Giant. Extra-large flowers. Plants tall and of vigorous growth. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Cosmos

One of the most beautiful and useful of hardy annuals, producing large, showy flowers in great profusion. Excellent for cutting.

YELLOW FLARE. Silver Medal, All-America Selections. For description see Novelties, page 21. Pkt., 25c; large pkt., 75c; ¼ oz., \$1.00.

SEMI-DOUBLE, ORANGE RUFFLES. Novelty. For description see Novelties, page 21. Pkt., 25c; large pkt., 60c; ½ oz., \$1.00.

New Double Early Sensation, Mixed. Flowers are equally as large as the regular single Sensation. Two types—fluted and crested. The crested type has a large 2-inch crested center and the fluted are so double they resemble a Camellia. Available in mixture only of White, Pink, and Crimson. Pkt., 25c; large pkt., 60c.

Giant Single Sensation

A mammoth early-flowering variety, coming into bloom in about 10 weeks from time of sowing. Height 6 feet.

Cardinal. New crimson color.

Pinkie. Light pink.

Purity. Pure white.

Pkt., 15c; large pkt., 50c.

Mixed. Pkt., 15c; large pkt., 40c; ½ oz., 75c.

SINGLE ORANGE FLARE

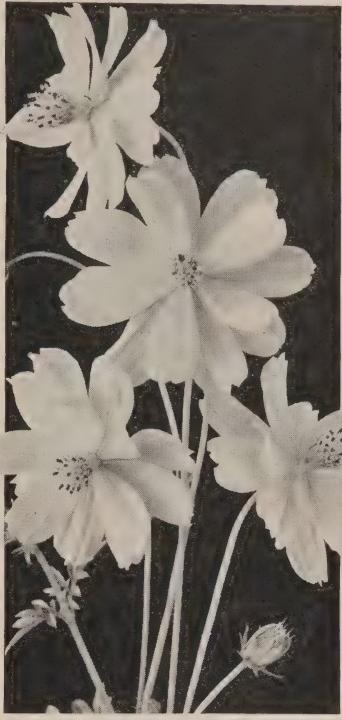
In full bloom in less than four months from sowing. Color, vivid orange. Pkt., 10c; large pkt., 25c; oz., \$1.00.

DOUBLE EARLY-FLOWERING

This new early-flowering strain will begin blooming in July and continue until frost.

Crimson White Pink
Pkt., 25c; large pkt., 60c.

Mixed. Pkt., 25c; large pkt., 50c.



Cosmos, Orange Ruffles

DOUBLE LATE-FLOWERING CRESTED

These are becoming more popular each season. Excellent for cutting.

Large
Pkt. pkt.
Mixed \$0.15 \$0.50

SINGLE EARLY-FLOWERING

This early-flowering strain will commence blooming as early as July and will continue until frost. Flowers measure 3 inches across.

Extra-Early Express Pink. A dwarf variety, 2 to 3 feet high. Medium-sized, bright pink flowers. Pkt., 15c; large pkt., 30c.

Extra-Early Express, Mixed. Pkt., 15c; large pkt., 25c.

LARGE EARLY FLOWERING

Crimson. 4 ft.

Pink. 4 ft.

White. 4 ft.

Pkt., 10c; large pkt., 25c; oz., 75c.

Mixed. 4 ft. Pkt., 10c; large pkt., 25c; oz., 60c.

SINGLE LATE-FLOWERING

Large flowers of perfect form on long stems and lasting until frost. 5 to 6 ft.

Giant Crimson. Pkt., 10c; large pkt., 25c; oz., 75c.

Giant Pink (Lady Lenox). Pkt., 10c; large pkt., 25c; oz., 75c.

Giant White (White Lady). Pkt., 10c; large pkt., 25c; oz., 75c.

Giant Mixed. Pkt., 10c; large pkt., 25c; oz., 60c.

Convolvulus - Morning Glory

Major or Tall Varieties

Imperial. Flowers of immense size and of a great variety of colors. Pkt., 10c; oz., 25c.

Cockscomb

See Celosia, page 28.

Cuphea - Cigar Plant

Firefly. New. The plants reach a height of 10 inches, and are completely covered with brilliant scarlet flowers. This is a tender annual, flowering from seed in 12 to 14 weeks, and continuing to bloom throughout the season. Pkt., 25c; large pkt., 75c.

Platycerata. A pretty, half-hardy perennial. Fine for the border or as a pot plant. Long, tube-shaped scarlet flowers with black and white lip. Pkt., 25c; large pkt., \$1.00.

Cyclamen

Beautiful winter plant for the window and greenhouse. The flowers are beautiful and the foliage is ornamental.

Michelle's Giant Show, Mixed. Grown for us by a specialist who has received numerous first prizes for the large size and beautiful coloring of the flowers. All colors. Pkt., 40c; 100 seeds, \$2.00.

Cynoglossum

(Chinese Forget-me-not)

Firmentum. All-America Winner. New, dwarf, compact type, 15 inches tall. Color deep ultramarine-blue. Excellent as a cut flower. Pkt., 25c; large pkt., 40c.

Amabile. An annual of easy culture, producing sprays of intense blue, Forget-me-not-like flowers which are very fragrant. 2 ft. Pkt., 10c; large pkt., 25c; oz., 75c.

AMABILE PINK. Same as above. Flowers are rich, deep pink. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Cyperus - Umbrella Plant

Alternifolius. An elegant plant for growing in water or damp places and useful as a pot plant. Pkt., 10c; large pkt., 60c.

Cypress Vine

(Ipomoea Quamoclit)

Mixed. A very graceful, twining, annual climber, with delicate fernlike foliage. Seed should be soaked for a few hours in warm water before sowing. 15 ft. Pkt., 10c; large pkt., 25c; oz., 60c.

Dahlborg Daisy

A dwarf, compact edging plant, producing a profusion of small golden yellow flowers continuously from late spring until frozen in the fall. Height 8 inches. Small pkt., 25c; large pkt., 75c.

Dahlias from Seed

There is no more fascinating flower to raise from seed than the Dahlia.

SINGLE-FLOWERING

Coltness, Scarlet Gem. A dwarf bedding type with bright, single, scarlet flowers. Pkt., 25c; large pkt., 60c.

Coltness Hybrids, Mixed. Choice mixed colors. Pkt., 25c; large pkt., 50c.

Giants Perfection, Mixed. Immense, single flowers of various colors and shades. Pkt., 10c; large pkt., 40c.

DOUBLE-FLOWERING DAHLIAS

California Giants, Mixed. A selection from named varieties, grown by a celebrated producer in California. Pkt., 50c; large pkt., \$1.00.

Cactus, Mixed. Choice mixture of the best varieties. Pkt., 10c; large pkt., 75c.

Large-Flowering, Mixed. (Show type.) Extra fine. Pkt., 10c; large pkt., 75c.

Unwin's Dwarf Hybrids, Mixed. Miniature, early-flowering, semi-double hybrids, 1½ to 2 feet high, in a wide range of colors. Pkt., 25c; large pkt., 75c.

Daisy, English Double

(Bellis perennis)

These are favorite perennials. Seed may be sown any time from spring until August, transplanted in the fall, and protected during the winter.

Pkt. pkt.
*Monstrosa, Pink \$0.25 \$1.00
*Double, Mixed. Extra fine10 .75

The Monstrosa English Daisies are really immense

Delphinium

(Hardy Perennial Larkspur)

One of the finest hardy perennials. Very effective in beds, masses, or borders. To prolong the season of bloom, cut the old flower-stems off after they have faded.

New Giant Pacific Hybrids. This splendid new strain is, without doubt, the finest in existence. The spikes are strong and closely set, and the flowers are as large as a silver dollar. It is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the originator's stock seed only.

Black Knight Series. Darkest of them all. Pkt., 50c; large pkt., \$1.75.

Blue Bird. Medium blue, white bee. Pkt., 50c; large pkt., \$1.75.

Bluejay Series. True blue. Pkt., 50c; large pkt., \$1.75.

Cameolet Series. Pure lavender self tone with white bee. Pkt., 50c; large pkt., \$1.75.

Gashed Series. Pure white. Pkt., 50c; large pkt., \$2.50.

Guinevere Series. Light pink-lavender. Pkt., 50c; large pkt., \$1.75.

King Arthur Series. Royal purple. Pkt., 50c; large pkt., \$1.75.

Lancelot Series. Lilac self tone. Pkt., 50c; large pkt., \$1.75.

Round Table Series. Various color combinations. Pkt., 50c; large pkt., \$1.75.

Summer Skies Series. Clear light blue. Pkt., 50c; large pkt., \$1.75.

Dark Blue Shades. Pkt., 50c; large pkt., \$1.50.

Light Blue Shades. Pkt., 50c; large pkt., \$1.50.

Pastel Shades. Pkt., 50c; large pkt., \$1.50.

White Majesty. Pkt., 50c; large pkt., \$1.75.

Mixed. Pkt., 50c; large pkt., \$1.50.

Blackmore & Langdon's Imported Strain, Mixed. A selected English variety. Immense spikes of very large flowers. Choice mixture of colors. Pkt., 25c; large pkt., 75c.

English Hollyhock, Watkin Samuels' Wrexham Strain. The finest large-flowered type to date. Immense spikes.

Art Shades. Pkt., 50c; large pkt., \$1.00.

Deep Blue Shades. Pkt., 50c; large pkt., \$1.00.

Light Blue Shades. Pkt., 50c; large pkt., \$1.00.

Selected Mixture. Pkt., 50c; large pkt., 75c; ½ oz., \$1.00.

Belladonna, Improved. One of the most continuous-blooming varieties. Immense spikes of clear turquoise-blue flowers. 5 ft. Pkt., 25c; large pkt., 60c.

Bellatomum, Improved. A rich, deep blue form of the popular light blue Belladonna. Pkt., 25c; large pkt., 60c.

Cardinale. Very large, scarlet flowers. 3 to 4 ft. Pkt., 25c; large pkt., 60c.

Gold Medal Hybrids, Mixed. Produces long spikes of large flowers. An extra-fine strain containing many shades of blue. Pkt., 10c; large pkt., 50c; oz., \$2.25.

ANNUAL DELPHINIUMS

Cambridge Blue. Light Belladonna-blue. 3 ft. Pkt., 15c; large pkt., 60c.

Blue Butterfly. An annual variety of an exquisite deep blue. Pkt., 15c; large pkt., 40c; oz., \$1.25.

Grandiflorum, Blue. An annual strain with sprays of bright blue flowers. 3 ft. Pkt., 10c; large pkt., 40c; oz., \$1.25.

Grandiflorum album. Same as above except color. Pure white flowers. Pkt., 10c; large pkt., 40c; oz., \$1.25.

Note: The seed of Cardinale is of slow germination.

Didiscus

Caerulea (Blue Lace Flower). Improved strain. An easily grown annual which is becoming very popular. The plant grows about 1½ feet high and produces attractive, umbel-shaped flowers of lace-like appearance. Color a delicate azure-blue. Excellent for cutting. Pkt., 10c; large pkt., 50c.



Pacific Hybrid Delphiniums

Dianthus - Pinks

Easily raised from seed. Flower abundantly and continuously until frost.

SWEET WIVELSFIELD

This annual is a hybrid. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Pkt., 15c; large pkt., 30c.

DOUBLE ANNUAL

Lucifer. Brilliant orange-scarlet. Small pkt., 10c; large pkt., 30c; oz., \$1.25.

Pink Beauty. Pure pink. Small pkt., 10c; large pkt., 30c; oz., \$1.25.

Salmon King. Bright salmon. Small pkt., 10c; large pkt., 30c; oz., \$1.25.

Snow Ball. Large pure white. Small pkt., 10c; large pkt., 30c; oz., \$1.25.

Chinensis, Mixed (China or India Pink). Pkt., 10c; large pkt., 25c; oz., 75c.

Fringed, Mixed. Large flowers. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Japan Pink, Mixed. Choice colors. Pkt., 10c; large pkt., 30c; oz., \$1.00.

SINGLE ANNUAL

HARDY GARDEN PINKS

Alliodo alpinus. A perfect gem for the rock garden. Choice colors. 4 to 6 in. Pkt., 25c; large pkt., 75c.

***Cassius** (Cheddar Pink). Produces masses of pink flowers. Fine for rockeries. Pkt., 10c; large pkt., 50c.

Clove-Scented, Mixed. Double and semi-double varieties in beautiful colors; fragrant. Pkt., 10c; large pkt., 50c.

***Deltaoides, Brilliant** (Maiden Pink). Dwarf; brilliant carmine. Pkt., 15c; large pkt., 50c.

Double Scotch, Mixed. Choice colors. Pkt., 10c; large pkt., 50c.

Latifolius atrocoeruleus fl.-pl. (Everblooming Hybrid Sweet William). Free flowering; velvety crimson-scarlet; double. Pkt., 10c; large pkt., 30c.

.-loveliness. New. An exquisite, single, mauve-pink sort, with delightful fragrance. Pkt., 25c; large pkt., 75c.

Pheasant's Eye, Mixed. Single fringed flowers. Pkt., 10c; large pkt., 25c; oz., \$1.25.

***Plumarius, Cyclops** (Single Perpetual Grass Pink). Assorted colors with blood-red eye. Pkt., 15c; large pkt., 40c.

***Rock Garden Species.** A special mixture of 25 rare varieties well adapted for rock gardens. Pkt., 25c; large pkt., 75c.

Dictamnus - Gas Plant

Fraxinella. Showy, bushy perennials, 2½ feet high. Purple-red flowers. June, July. Pkt., 10c; large pkt., 50c.

Digitalis - Foxglove

Ornamental hardy plants, succeeding almost anywhere. Long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

Giant Shirley, Mixed. An excellent giant strain, growing 3 to 5 feet high, with enormous spiky flowers. Pkt., 10c; large pkt., 40c.

Gloxiniæflora, Pink. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Gloxiniæflora, Purple. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Gloxiniæflora, White. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Gloxiniæflora, Mixed. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Grandiflora. Light yellow. Pkt., 10c; large pkt., 40c; oz., \$2.00.

Dimorphotheca

Aurantiaca (Afghan Orange Daisy). Bushy plants with orange-gold, Daisy-like blooms on long stems. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Aurantiaca, hybrids, Mixed. A fine mixture of colors and shades. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Dolichos - Hyacinth Bean

Loblab, Mixed. Rapid-growing annual climber bearing a profusion of purple or white bean-like flowers. Excellent for arbors, trellises, etc. Pkt., 10c; oz., 40c.

Dracaena

Ornamental plants for vases or conservatory decoration.

Australis. Broad green leaves. Pkt., 10c; large pkt., 30c.

Indivisa. Narrow green leaves. Pkt., 10c; large pkt., 25c; oz., 75c.

Dusty Miller

See Centaurea and Cineraria, page 28.

Echinocystis

(Wild Cucumber Vine)

Lobata. One of the quickest-growing vines. Excellent for covering trellises, fences, etc. Pkt., 10c; oz., 30c.

Echium

Blue Bedder. Deep bright blue Bellflowers, very compact. Annual plants that thrive well in poor soil. 1 to 1½ ft. Pkt., 10c; large pkt., 25c.

Eschscholtzia - California Poppy

An elegant, hardy annual with fine-cut foliage and large, Poppy-like flowers from June until frost. Fine for borders or large beds. 1 ft.

Californica. Pure yellow. Pkt., 10c; large pkt., 25c; oz., 50c.

Cormine King. Deep carmine. Pkt., 10c; large pkt., 30c; oz., 90c.

Golden West. Large golden yellow flowers. Pkt., 10c; large pkt., 25c; oz., 50c.

Mandarin. Inside petals orange, outside petals scarlet. Pkt., 10c; large pkt., 30c; oz., 90c.

Vesuvius. Rich Wallflower or coppery red. Pkt., 10c; large pkt., 25c; oz., 60c.

White. Pkt., 10c; large pkt., 25c; oz., 50c.

Choice Mixed. Pkt., 10c; large pkt., 25c; oz., 40c.

Edelweiss - Leontopodium

***Alpinum.** An excellent perennial rock plant with silvery white flowers. Pkt., 25c; large pkt., 75c.

Evening Primrose

See Oenothera, page 35.

Everlasting Flowers

These should be grown in every garden, not only for summer blooming, but also as dried cut flowers for winter decoration.

Acroclinium

Showy, free-flowering annual plants. Excellent for cutting. 1 ft.

Sensation Giants. New. An improved strain that grows 6 to 8 inches taller. Each flower is full double and will average 3 inches across. The colors range from medium rose to light pink shades. Pkt., 25c; large pkt., 60c.

Double, Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

Gomphrena - Globe Amaranth

Also called "Bachelor's Buttons." A showy annual Everlasting.

Nana compacta. Dwarf. Red. 1 ft. Pkt., 10c; large pkt., 30c.

Mixed. All colors. 2 ft. Pkt., 10c; large pkt., 25c.

Helichrysum Monstrosum (Strawflower)

One of the best and most popular of the Everlastings. Large, double blooms. 2 ft.

Buttercup Yellow. Canary-yellow. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Fireball, Crimson. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Golden Ball. Golden yellow. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Rose-Carmine. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Rose Queen. Immense flowers of a rich deep rose. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Salmon-Pink. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Silver Ball. White. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Violet. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Choice Mixed. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Rhodanthe

(Swan River Everlasting)

Mixed Colors. A beautiful annual for the garden or for pot culture. 1 ft. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Xeranthemum - Immortelle

Double, Mixed. Showy annual, producing a profusion of flowers. Pkt., 10c; large pkt., 25c; oz., 75c.

Euphorbia

Annual plants suitable for beds of tall-growing plants or mixed borders. Showy ornamental foliage. 2 to 3 ft.

Heterophylla (Mexican Fire Plant). Glossy green leaves turning to orange-scarlet in midseason. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Variegata (Snow-on-the-Mountain). Foliage veined and margined with white. Pkt., 10c; large pkt., 25c; oz., 60c.

Feverfew

See Matricaria, page 33.

Flowering Tobacco

See Nicotiana, page 35.

Forget-Me-Not

See Myosotis, page 33.

Four O'Clock

See Marvel of Peru, page 33.

Foxglove

See Digitalis, page 30.

Gaillardia - Blanket Flower

ANNUAL VARIETIES

Lovely showy annuals for beds or borders. Excellent for cutting. Blooms continuously from early summer until November. 15 to 18 inches.

Indian Chief. Single; brilliant bronzy red. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Double Annual, Mixed. (G. picta Lorenziana). Pkt., 10c; large pkt., 25c; oz., \$1.00.

Single Annual, Mixed. (G. picta). Pkt., 10c; large pkt., 25c; oz., \$1.00.

PERENNIAL VARIETIES

One of the most showy hardy perennials, blooming the first year from seed if sown early. 2 ft.

Grandiflora, Monarch Strain. Giant flowers in an exquisite mixture. Pkt., 15c; large pkt., 50c.

Grandiflora, Burgundy. Bright copper-red blooms on long stems. Very free flowering. Pkt., 25c; large pkt., 50c.

Grandiflora, Goblin. A new, dwarf, compact variety especially suited for the rock garden. The plants attain a height of 12 to 15 inches and are covered with large, showy, deep red flowers. Pkt., 25c; large pkt., 75c.

Grandiflora, Portola Hybrids. Flowers of immense size, ranging through shades of bronzy red with golden tipped petals. Pkt., 15c; large pkt., 50c.

Grandiflora, Tangerine. Giant orange flowers, overlaid with red. Pkt., 25c; large pkt., 50c.

Grandiflora superba, Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

Geranium

Pelargonium (Martha Washington Geranium). Choice mixture. Pkt., 25c; 100 seeds, \$4.00.

Zonale, Mixed. A superb strain of the largest and finest varieties. 1 to 2 ft. Pkt., 10c; large pkt., 75c.

Gentiana - Blue Gentian

Acaulis. Dwarf, hardy perennial. Deep blue flowers. Suited to moist, shady situations. The seed is of slow germination. Pkt., 10c; large pkt., 75c.

Gerbera - Transvaal Daisy

Jamessoni Hybrids, Mixed. Excellent greenhouse perennials with large, fine-leaved, Daisy-like flowers. These hybrids include a wonderful range of brilliant colors and shades. Pkt., 25c; 100 seeds, 75c.



Gaillardia, Monarch

Geum

Beautiful, hardy perennials bearing large, showy, double flowers all through the summer. Fine for bouquets. 1½ ft.

Lady Stratheden. Golden yellow. Pkt., 25c; large pkt., 50c.

Mrs. Bradshaw. Brilliant scarlet. Pkt., 15c; large pkt., 50c.

Prince of Orange. True orange shade. Large flowers. Pkt., 25c; large pkt., 75c.

Gilia

Capitata. A very graceful annual, growing about 2 feet high. Lavender-blue flowers. Excellent for cutting. Pkt., 10c; large pkt., 25c; oz., 75c.

Globe Amaranth

See Gomphrena, in first column.

Gloxinia

Hybrida grandiflora. Excellent greenhouse plants with flowers of the richest colors. Our seed is saved from selected plants of a collection grown by a celebrated specialist. Pkt., 25c; large pkt., 85c.

Godelia - Satin Flower

Beautiful and easily grown annuals producing a profusion of flowers of satiny texture.

SINGLE GODETIA

Duke of York. Rich scarlet and white. 16 inches. Small pkt., 10c; large pkt., 30c; ¼ oz., 75c.

Kelvedon Glory. Deep, glowing salmon-orange. 16 inches. Small pkt., 10c; large pkt., 30c; ¼ oz., 75c.

Ruby. Rich ruby-red. 12 inches. Ideal for borders. Small pkt., 10c; large pkt., 30c; ¼ oz., 75c.

Sibyl Sherwood. Bright salmon-pink. 16 inches. Small pkt., 10c; large pkt., 30c; ¼ oz., 75c.

White Swan. Pure satin-white. 16 inches. Small pkt., 10c; large pkt., 30c; ¼ oz., 75c.

Exquisite Mixed. Small pkt., 10c; large pkt., 30c; ¼ oz., 75c.

Azaleaflora carminea. Dwarf. Double; bright carmine orange. Excellent for pot culture; really a miniature Azalea. Pkt., 15c; large pkt., 40c; oz., \$1.00.

Choice Mixed. Tall; double. All colors. Pkt., 10c; large pkt., 25c; oz., 85c.

Gomphrena - Globe Amaranth

See Everlastings, in first column.

Gourd, Ornamental

Rapid-growing, interesting annual climbers with ornamental foliage and singular-shaped fruit. 15 to 20 ft.

GREEN SNAKE. A new strain of the Luffa or gourd. The fruits will grow to a length of over 10 feet if the vines are twined on a lofty trellis. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Large Sorts, Mixed. Pkt., 10c; large pkt., 25c; oz., 60c.

Small Sorts, Mixed. Pkt., 10c; large pkt., 25c; oz., 60c.

Gypsophila - Baby's Breath

Pretty, free-flowering plants of easy culture. Excellent for cutting to mix with other flowers. 2 ft.

Elegans alba grandiflora. (True Paris market strain.) A fine annual variety. Delicate sprays of pure white flowers. Pkt., 10c; oz., 30c; ¼ lb., 75c.

Elegans carminea. Bright carmine-rose. Pkt., 10c; oz., 75c.

Elegans rosea. Pink. Pkt., 10c; oz., 75c.

Oldhamiana. Hardy type. Bright pink, fragrant flowers. Pkt., 10c; large pkt., 50c.

Paniculata. Hardy perennial variety with white flowers in graceful sprays. Pkt., 10c; large pkt., 25c; oz., 60c.

Paniculata fl.-pl. Perennial, with a profusion of double white flowers coming to 30 to 40 percent true. Pkt., 20c; large pkt., 75c.

***Repens.** A pretty dwarf, trailing perennial plant for the rockery. Tiny white flowers. Pkt., 10c; large pkt., 50c.

***Repens rosea.** Pinkish white flowers. Pkt., 10c; large pkt., 50c.

There is no substitute for the old-fashioned Hollyhock

Grevillea - Silk Oak

Robusta. A beautiful and graceful decorative plant with fernlike foliage. Excellent for table decoration. Pkt., 10c; large ptk., 40c; oz., \$1.25.

Hardy Sweet Peas

See *Lathyrus*, page 33.

Helianthemum

(Rock, or Sun Rose)

Mutabile, Mixed. A very pretty perennial for the rockery, completely covered with masses of bloom from May to June. Choice mixed varieties. 8 in. Pkt., 15c; large ptk., 40c.

Helichrysum

See *Everlastings*, page 31.

Heianthus

See *Sunflower*, page 39.

Heliotrope

A well-known and highly prized plant because of the delightful fragrance of the flowers. Fine for pots or bedding. 1½ ft.

Lemoine's Giant, Mixed. Produces very large heads of flowers. Pkt., 15c; large ptk., 60c.

Regal, Mixed. Of dwarf, compact growth. Immense flowers. All shades. Pkt., 15c; large ptk., 75c.

Choice Mixed. Pkt., 10c; large ptk., 60c.

Helleborus

Niger (Christmas Rose). Perennial. Seed germinates slowly. 15 in. Pkt., 10c; large ptk., 40c.

Heteropappus - Blue Daisy

Hispida. New. A fine annual of compact growth, with Daisy-like flowers, 1 to 1½ inches across, in shades of lavender and azure-blue, with yellow centers. Very free flowering. Desirable for cutting. Pkt., 25c; large ptk., 75c.

Heuchera

Sanguinea Splendens (Corallbells). Perennial. Bright vermilion, blooms 30 inches, excellent for cutting. Pkt., 15c; large ptk., 75c.

Sanguinea hybrida, Choice Mixed. Identical to above, except in a mixture of shades. Pkt., 15c; large ptk., 75c.

Hibiscus - Marshmallow

A very showy perennial, growing 4 feet high. Flowers of enormous size, often 10 to 12 inches in diameter. Pkt., 10c; large ptk., 40c.

Giant Dark Red	.....	\$0.10	\$0.30
Giant Pink	.....	.10	.30
Giant White	.....	.10	.30
Giant Choice Mixed	.....	.10	.30

Hunnemannia

(Giant Yellow Tulip Poppy)

Seed sown outdoors in May produces large quantities of giant, Tulip-like flowers during latter part of July and continuing for the rest of the season. 1 ft.

Fumaroeifolia. Giant yellow variety. Pkt., 10c; large ptk., 25c; oz., 75c.

Suntite. All-America winner. Semi-double; bright canary-yellow. Gray-green foliage. Pkt., 10c; large ptk., 40c; oz., .20.

Honesty - Lunaria; Moonwort

Biennis alba. Hardy biennial admired for its silvery seed pods. Beautiful and curious. 2 ft. Pkt., 10c; large ptk., 40c.

Impatiens

A charming plant for house and conservatory decorations, flowering profusely and almost continuously.

Holsti. Flowers large, vermillion-red. Pkt., 20c; large ptk., 75c.

Holsti, New Hybrids, Mixed. Choice mixed colors. Pkt., 15c; large ptk., 75c.

Sultani. Bright rose. Pkt., 15c; large ptk., 75c.

Sultani Hybrids, Mixed. Various colors. Pkt., 15c; large ptk., 75c.

Hollyhock

Succeeds best in rich, well-drained soil. Seed sown any time before midsummer will produce fine plants for blooming the following summer. 6 to 7 ft.

Triumph, Mixed. New. An excellent type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular type. Pkt., 25c; large ptk., 60c.

Chater's Double Maroon. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double Newport Pink. Pure pink. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double Pink. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double Red. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double Salmon. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double White. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double Yellow. Pkt., 10c; large ptk., 50c; oz., \$2.00.

Chater's Double Mixed. Pkt., 10c; large ptk., 40c; oz., \$1.50.

ANNUAL EVERBLOOMING HOLLYHOCK

While these are also hardy perennial varieties, if seed is sown in the house in March or April, they will bloom the first season.

Double Everblooming, Mixed. Pkt., 10c; large ptk., 25c; oz., \$1.00.

SINGLE HOLLYHOCK

Mixed Colors. Pkt., 10c; large ptk., 25c; oz., 75c.

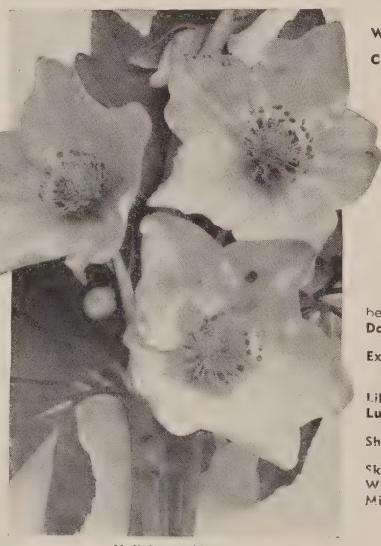
Ipomoea

PEARLY GATES. Silver Medal, All-America Selections. For description see *Novelties*, page 21. Pkt., 25c; large ptk., 60c; ¼ oz., \$1.00.

SCARLETT O'HARA. All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. Its first flowers will begin to appear in about sixty-five days from seed and remain open all day even in the warmest weather. Pkt., 15c; large ptk., 50c; ¼ oz., 75c.

Clarke's New Early Improved Heavenly Blue Morning Glory. Bright blue. Pkt., 15c; large ptk., 40c; oz., \$1.00.

Noctiflora (Moonflower). At night and during dull day the petals are covered with an abundance of large, pure white, fragrant flowers. Pkt., 10c; large ptk., 25c; oz., 60c.



Helleborus Niger

Kochia - Summer Cypress

Childsi. An easily grown annual which forms a cypress-like hedge with feathery green foliage that turns to a deep red color. Pkt., 10c; large ptk., 25c; oz., 60c.

Lantana hybrida, Choice Mixed

An easy-to-grow annual bedding plant, bearing in great profusion Verbena-like flower-heads in white, rose, orange, scarlet. 2 ft. Pkt., 10c; large ptk., 40c.

Larkspur, Annual

Plants are of easy culture. Seeds sown early in spring will produce blooming plants by July. Fernlike foliage and slender spikes with double roseette flowers. Fine for cutting or garden decoration.

GIANT IMPERIAL

Identical in branching habit with Giant Imperial Stock. Very double flower; strong growth.

Blue Bell. Clear light blue. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Blue Spire. An intense deep Oxford-blue. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Carmine King. Rich carmine. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Corall King. Blush-pink. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Daintiness. Delicate pale lavender. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Exquisite Rose. A beautiful shade of rose-pink. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Gloria. Fine deep rose. Pkt., 15c; large ptk., 40c; oz., \$1.50.

LILAC KING. New. A true lilac shade. We believe this to be the best color in this ever-popular Giant Imperial Larkspur. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Lilac Queen. Rich lilac, shading lavender-blue. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Lilac Spire. Bright lilac. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Los Angeles. Rich salmon overlaid with brilliant rose. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Miss California. Pale shaded salmon. Pkt., 15c; large ptk., 40c; oz., \$1.50.

PINK KING. New. Soft, warm salmon-rose. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Pink Perfection. Lively shade of light pink; large florets. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Sweet Lavender. Light lavender-blue. Pkt., 15c; large ptk., 40c; oz., \$1.50.

WHITE KING. All-America Winner. Giant, pure white flowers on long spikes. Pkt., 15c; large ptk., 40c; oz., \$1.50.

White Spire. A dazzling pure white. Pkt., 15c; large ptk., 40c; oz., \$1.50.

Choice Mixed. Pkt., 15c; large ptk., 30c; oz., \$1.25.

COCKADE. A new improved strain of base branching Giant Imperial type; symmetrical plant with longer spikes.

Blue Cockade. A rich lilac-blue. Pkt., 20c; large ptk., 50c.

Rose Cockade. Salmon-rose. Pkt., 20c; large ptk., 50c.

Sapphire Cockade. Deep lilac. Pkt., 20c; large ptk., 50c.

White Cockade. Pure white. Pkt., 20c; large ptk., 50c.

Mixed. Pkt., 20c; large ptk., 50c.

TALL DOUBLE STOCK-FLOWERED

Plants branch freely, bearing long spikes of beautiful double flowers. 2½ ft.

Dark Blue. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Exquisite Pink. An extra-fine variety with blooms of a beautiful soft pink shade. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Lilac. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Lustrous Carmine. Newport pink. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Shell-Pink. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Sky-Blue. Pkt., 10c; large ptk., 30c; oz., \$1.00.

White. Pkt., 10c; large ptk., 30c; oz., \$1.00.

Mixed. All colors. Pkt., 10c; large ptk., 25c; oz., 90c.

Larkspur, Perennial

See *Delphinium*, page 30.

Lathyrus latifolius

(Everlasting or Perennial Pea)

Showy, hardy perennial climber for covering walls, stumps, fences, etc. 6 to 8 ft.

Crimson. Brilliant. Pkt., 10c; large pkt., 25c; oz., 85c.

Pink Beauty. Bright rosy pink. Pkt., 10c; large pkt., 25c; oz., 85c.

White. Pkt., 10c; large pkt., 25c; oz., 85c.

Choice Mixed. All colors. Pkt., 10c; large pkt., 25c; oz., 85c.

Lavender - Lavandula vera

Well-known hardy perennial, bearing long spikes of fragrant blue flowers. 1½ ft. Pkt., 10c; large pkt., 50c; oz., \$2.50.

Leptosyne

One of the quickest-growing annuals, blooming in 5 weeks after sowing the seed.

Maritima. Large, lemon-yellow, Marguerite-like flowers. 3 ft. Pkt., 10c; large pkt., 30c.

Liatris - Blazing Star

Pycnostachya. A showy hardy perennial border plant with long spikes of violet-purple flowers. 4 ft. Pkt., 15c; large pkt., 60c.

Scariosa. An improved strain, with larger flowers and more spreading habit than the above. Color, clear rose-purple. Pkt., 15c; large pkt., 75c.

Lilium - Lily

Philippinense formosanum, White Swan. A new, giant, snow-white, early-flowering Lily of the Philippinense formosanum type. This strain bears larger flowers than any other type, and will flower in approximately 8 months from seed. Pkt., 25c; large pkt., \$1.00.

Philippinense formosanum. Resembles an Easter Lily. Will bloom in 6 to 8 months from time seed is sown. 3 ft. Pkt., 15c; large pkt., 50c.

Regale. Perfectly hardy and also excellent for forcing. Flowers waxy white; fragrant. Pkt., 15c; large pkt., 30c.

Linaria - Toadflax

Fairy Bouquet, Mixed. Dwarf; large flowering. Choice mixture. Fine for bedding. Pkt., 10c; large pkt., 40c.

Moroccana Hybrids, Mixed. A very showy annual. 1 ft. Pkt., 10c; large pkt., 25c.

Linum - Flax

Grandiflorum rubrum. Annual. Large-flowered scarlet Flax. 16 in. Pkt., 10c; large pkt., 25c.

Perenne. Hardy perennial variety with bright blue flowers. 1½ ft. Pkt., 10c; large pkt., 25c; oz., 75c.

Lobelia

No garden is complete without an edging of blue Lobelia.

Sutton's Cambridge Blue. New. Large, light blue flowers. Dwarf, compact growth. Pkt., 25c; large pkt., 75c.

Mrs. Clibran. Dwarf type. Flowers deep blue with clear white eyes. Excellent for borders. Pkt., 20c; large pkt., 75c.

Crystal Palace Compacta. Very compact. Deep blue. The best for edging. Pkt., 10c; large pkt., 60c.

Crystal Palace Speciosa. Of trailing habit. Deep ultramarine-blue. Fine for vases. Pkt., 10c; large pkt., 40c.

Michell's Blue Stone. An excellent dwarf variety of compact growth. Plants are completely covered with large, bright blue flowers. Fine for borders or boxes. Pkt., 20c; large pkt., 75c.

Sapphire. A beautiful trailing variety of strong growth. The flowers are unusually large; deep blue, with large, clearly defined white eye. Pkt., 20c; large pkt., 75c.

Mixed. All colors. Pkt., 10c; large pkt., 40c.

Cardinalis (Cardinal Flower). Hardy perennial, with long spikes of cardinal-red flowers. Pkt., 10c; large pkt., 75c.



Myosotis—Forget-me-not

Love-in-a-Mist

See Nigella, page 34.

Lupinus - Lupin

ANNUAL VARIETIES

NEW HARTWEGI GIANTS OR KING

A new and improved strain that grows from 3 to 4 feet high, with the base-branching habit. Each plant produces from 4 to 6 spikes of bloom.

King Blue. Enormous spikes of rich Oxford-blue color. Pkt., 15c; large pkt., 30c.

King Sky-Blue. Clear light blue. Pkt., 15c; large pkt., 30c.

King White. Glistening pure white. Giant spikes. Pkt., 15c; large pkt., 30c.

Choice Mixture. Pkt., 10c; large pkt., 30c.

	Pkt.	Large pkt.	Oz.
Rich Blue	\$0.10	\$0.25	\$0.75
Pink	.10	.25	.75
Sky-Blue	.10	.25	.75
White	.10	.25	.75
Mixed. All colors	.10	.25	.75

Lupinus polyphyllus

PERENNIAL VARIETIES

Hardy perennials of easy culture. Graceful spikes of pea-shaped flowers, fine for cutting. May, June. 2 to 3 ft.

Russell. A great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never seen in Lupins before. The florets are large, with flat, fanlike standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Pkt., 25c; large pkt., 75c; ¼ oz., \$1.25.

Blue. Pkt., 10c; large pkt., 30c.

Roseus. Pink. Pkt. 10c; large pkt., 30c.

White. Pkt., 10c; large pkt., 30c.

Mixed. Pkt., 10c; large pkt., 30c; oz., \$1.00.

New Hybrids, Mixed. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Lychnis

Elegant hardy perennials of easy culture, for massing in large beds or borders.

Arkwrighti. Excellent hybrids. Free flowering. Pkt., 10c; large pkt., 50c.

Chalcedonica (Rose Campion). Fine scarlet, cross-like flowers. July, 2 ft. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Haageana, Mixed. Large, brilliant orange, scarlet, pink, and crimson flowers. July, 1 ft. Pkt., 10c; large pkt., 60c.

Matricaria - Feverfew

BALL STRAIN. A fine pure white, which has long stems. This variety comes from 80 per cent to 85 per cent true, full doubles. Fine for outdoors. Pkt., 15c; large pkt., 50c.

Double White. Hardy annual, for bedding or pot culture. White flowers, 1½ ft. Pkt., 10c; large pkt., 40c; oz., \$1.25.

Golden Ball. Perennial. Bright yellow flowers. Pkt., 10c; large pkt., 60c.

Matthiola

Bicornis (Evening-Scented Stock). A desirable annual on account of its fragrance during the evening. Lilac blooms. Pkt., 10c; large pkt., 25c; oz., 60c.

Marvel of Peru - Four O'clock

Choice Mixed. Free-flowering garden favorites. 2 ft. Pkt., 10c; oz., 60c.

Mimulus

Moschatus (Musk Plant). The old-fashioned variety with yellow flowers. Pkt., 15c; large pkt., 50c.

Tigrinus, Mixed (Monkey Flower). Fine mixture of tigereed and spotted varieties. 1 ft. Pkt., 10c; large pkt., 50c.

Mesembryanthemum

Crystallinum (Ice Plant). Dwarf trailing annual for rockeries, edgings and vases. Singular icy foliage; flowers white. Pkt., 10c; large pkt., 25c.

Mignonette

No garden is complete without this fragrant flower.

Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches. Fragrant. Pkt., 10c; large pkt., 25c; oz., 75c.

Machet. Large, sweet-scented flowers. Pkt., 10c; large pkt., 25c; oz., 75c.

New York Market. A selected strain. Pkt., 15c; large pkt., 75c.

Sweet-Scented. The popular garden sort. Pkt., 10c; oz., 30c.

Morning Glory

See Ipomoea (page 32), and Convolvulus (page 29)

Ipomoea, Pearly Gates. Silver Medal, All-America Selections. For complete description see Novelties, page 21. Pkt., 25c; large pkt., 60c; ¼ oz., \$1.00.

Clarke's New Early Improved Heavenly Blue. The well-known and popular bright blue Morning Glory. Pkt., 15c; large pkt., 40c; oz., \$1.00.

SCARLETT O'HARA. All-America Winner. The blooms measure from 3 to 4 inches in diameter and are a vivid scarlet. The first flowers will begin to appear in about sixty-five days from seed and remain open all day, even in the warmest weather. Pkt., 15c; large pkt., 50c; ¼ oz., 75c.

PATRIOTIC COLLECTION
1 pkt. each above 3 varieties, 50c

Myosotis - Forget-Me-Not

Beautiful, half-hardy perennials, succeeding best in moist, shady situations. Sown in the spring they will flower in the fall; if wanted for early spring flowering, seed should be sown in frames in July or August.

Blue Basket. Fine dark blue of upright growth. Pkt., 10c; large pkt., 75c.

Alpestris, Victoria. Of bushy habit, bearing large bright blue flowers. Very fine. 6 in. Pkt., 10c; large pkt., 75c.

Michell's Winter-Flowering. The finest variety for forcing. Long stems; deep blue flowers. Pkt., 15c; large pkt., 75c.

Palustris semperflorens. Dwarf. Blooms the entire season. Deep blue. Pkt., 10c; large pkt., 75c.

Choice Mixed. Pkt., 10c; large pkt., 40c; oz., \$1.25.

MARIGOLD - Tagetes

These are old, favorite, free-flowering annuals with rich, showy flowers all summer. The Tall African varieties are well adapted for large beds or mixed borders, while the Dwarf French varieties are better suited for bedding purposes.

TALL AFRICAN

Tall-growing, from 2½ to 4 feet high.
MISSION GIANTS, YELLOWSTONE. Honorable Mention, All-America Selections. Rich clear yellow. For complete description see Novelties, page 21. Pkt., 25c; large pkt., 75c.

GIANT CHRYSANTHEMUM-FLOWERED, GOLD-SMITH. Bronze Medal, All-America Selections. Plants grow 3 to 4 feet high, are very vigorous and base-branching, producing from 8 to 12 stems of large golden orange blooms, measuring from 4 to 5 inches in diameter. Pkt., 25c; large pkt., 60c.

MICHELL'S EARLY GOLDEN JUBILEE. Exclusive introduction. Large, double, Chrysanthemum-like flowers in shades of golden yellow, orange, and light yellow. 3½ to 4 feet tall. Pkt., 25c; large pkt., 60c.

NEW GIANT CHRYSANTHEMUM-FLOWERED HYBRIDS. These hybrids consist of many new and distinct types, varying in size of blooms from 2 to 4 inches in diameter. Colors range in all shades of orange and yellow. Plants are about 3 feet high. Pkt., 15c; large pkt., 50c; ¼ oz., 75c.

Gigantea, Orange Sunset. Flowers are unquestionably the largest Marigolds to date. The color is a deep, rich, lively orange. Pkt., 25c; large pkt., 50c.

GIGANTEA, SUNSET GIANTS. Exceptionally free flowering and lacks the usual Marigold odor. The flowers are closely formed, and come in a mixture of colors. Pkt., 15c; large pkt., 50c; ¼ oz., 75c.

Alldouble Orange. (Originator's stock.) This new variety will produce a large percentage of double flowers of a bright orange shade. Pkt., 15c; large pkt., 50c.

Alldouble Lemon. (Originator's stock.) Fine clear yellow variety which will produce all-double flowers. Pkt., 15c; large pkt., 50c.

Giant Golden Emblem. This variety is a rich lemon-gold, with very large flowers measuring from 4 to 5 inches in diameter. Pkt., 15c; large pkt., 50c.

Golden Eagle. Carnation-flowered; golden yellow. Excellent for cutting. Pkt., 10c; large pkt., 50c.

Guinea Gold. The flowers come 100 per cent double and semi-double. Color, clear orange, flushed with gold. Pkt., 10c; large pkt., 50c.

Lemon Queen. Soft lemon-yellow. Pkt., 10c; large pkt., 25c; oz., 85c.

Orange Prince. Large flowers of a deep golden orange color. Very showy. Pkt., 10c; large pkt., 25c; oz., 85c.

Sunrise. An early-blooming form of Dixie Sunshine. The color is a rich brilliant golden yellow. Pkt., 15c; large pkt., 50c.

Yellow Supreme. Broad, loose, frilled petals, similar to Guinea Gold, of a rich creamy lemon-yellow color. 2 ft. Pkt., 15c; large pkt., 50c.

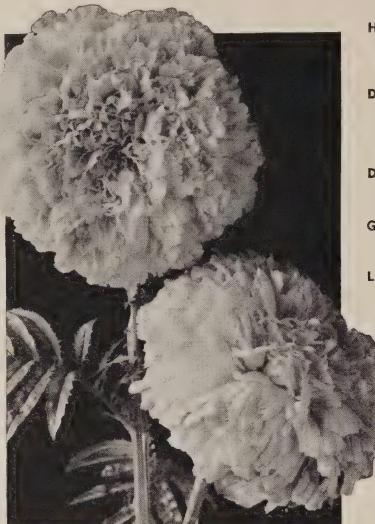
Large African, Mixed. Tall; double. Pkt., 10c; large pkt., 25c; oz., 85c.

DWARF AFRICAN

DWARF GIGANTEA, POT O' GOLD. New. Well-branched dwarf, compact, growing 12 inches tall. Flowers are a bright deep golden orange, measuring 4 to 4½ inches across. Pkt., 25c; large pkt., 60c.

EXTRA-EARLY DWARF CARNATION-FLOWERED HYBRIDS. Very free flowering and ranges in color from bright orange to clear lemon. It grows to a height of 1½ feet with 2½ to 3-inch Guinea-Gold-type flowers. Pkt., 25c; large pkt., 50c.

LITTLE GIANTS, MIXED. The plants are compact, growing 15 to 18 inches high, and are literally covered with blossoms. Pkt., 25c; large pkt., 60c; ¼ oz., \$1.00.



Marigold Gigantea, Sunset Giants

DOUBLE FRENCH

DWARF FRENCH HARMONY TYPE, BUTTERBALL. Bronze Medal, All-America Selections. Early. Canary-yellow. For complete description see Novelties, page 21. Pkt., 25c; large pkt., 50c.

DWARF CHRYSANTHEMUM-FLOWERED, GOLDEN BEDDER. Bronze Medal, All-America Selections. Bright golden orange. One of the earliest of all Marigolds. Symmetrical mounds of golden orange flowers of interesting form. Pkt., 25c; large pkt., 60c.

DWARF DOUBLE FRENCH, MELODY. Bronze Medal, All-America Selections. Golden yellow. Harmony-type flowers. For complete description see Novelties, page 21. Pkt., 25c; large pkt., 50c.

DWARF, SCARLET GLOW. Honorable Mention, All-America Selections. A distinct new bronzy red color. Compact, bushy growth of about 1 foot, flowers are 1¾ to 2 inches across. The largest and brightest double red French sort. Pkt., 25c; large pkt., 60c.

DWARF, SPRY. Silver Medal, All-America Selections. Extra-dwarf, double French-type Marigold; very compact and uniform habit, about 9 inches tall, with very light orange crested center and maroon outer petals. Pkt., 25c; large pkt., 75c.

DWARF, HARMONY HYBRIDS. The plants grow 12 to 14 inches high. Flowers are of medium size and the color range includes innumerable combinations of the popular Harmony Marigold. Pkt., 25c; large pkt., 50c.

HARMONY TYPE, DWARF, SPOTLIGHT. Scabiosa-like flowers with crested centers of dainty tubular petals in a bright yellow shade which contrasts with the velvety dark mahogany-red guard petals. Pkt., 25c; large pkt., 50c.

SCABIOSIA-FLOWERED, GOLDEN HARMONY. New. A solid bright golden yellow with the same color guard petals. Pkt., 25c; large pkt., 50c.

DOUBLE FRENCH MARIGOLD—Continued
HARMONY. Very double flowers of deep orange with maroon collar. Free flowering. Fine for borders. Pkt., 15c; large pkt., 40c; ¼ oz., 60c.

DWARF ALDOOUBLE, ROYAL SCOT. Every plant of uniform shape and height (10 to 12 inches). Color, rich mahogany and gold, in uniform stripes. Pkt., 25c; large pkt., 40c; ¼ oz., 75c.

Dwarf Gold-Striped. Double; brownish red, striped golden yellow. 1 ft. Pkt., 10c; large pkt., 25c; oz., 85c.

Golden Ball. Very compact. Flowers large, golden yellow. Pkt., 10c; large pkt., 25c; oz., 85c.

Lemon Ball. Pale sulphur-yellow. Plants very compact. Pkt., 10c; large pkt., 25c; oz., 85c.

Mahogany. Rich mahogany-brown. Pkt., 10c; large pkt., 25c; oz., 85c.

Robert Beist. Very large, dark maroon flowers. Pkt., 10c; large pkt., 25c; oz., 85c.

DWARF, YELLOW PYGMY. Light lemon-yellow. Grows 8 inches high. Free flowering. Pkt., 15c; large pkt., 30c; oz., \$1.50.

Dwarf Double French, Mixed. 1 ft. Pkt., 10c; large pkt., 25c; oz., 75c.

SINGLE FRENCH DWARF VARIETIES

FIRE CROSS. New dwarf single variety. Flowers deep orange-yellow, each petal marked with a crimson-maroon blotch. Pkt., 10c; large pkt., 25c; oz., 85c.

Legion of Honor (Little Brownie). Single golden yellow, velvety flowers with a large spot of crimson. Early flowering. 9 in. Pkt., 10c; large pkt., 25c; oz., 85c.

Signata pumila (Tagetes). Golden yellow. Excellent for edging. 10 in. Pkt., 10c; large pkt., 25c; oz., \$1.00.

SINGLE FRENCH TALL VARIETIES

FLAMING FIRE. Flaming red and yellow. Fine cut flowers. Pkt., 10c; large pkt., 30c.

Tall French, Australian Giant or Tree. Very tall flowering, with masses of brownish yellow flowers. Excellent for cutting. 5 ft. Pkt., 15c; large pkt., 40c.

Tall Single French, Josephine. Dark brown with gold edges. Pkt., 10c; large pkt., 25c; oz., \$1.00.

TALL DOUBLE FRENCH

Mixed. Pkt., 10c; large pkt., 25c; oz., 90c.

COLLARTE

Crown of Gold. Orange flowers, having crested centers, with broad guard petals. Odorless foliage. Pkt., 15c; large pkt., 40c; ¼ oz., 75c.

LIEB'S WINTER-FLOWERING

A fine forcing variety. Color mahogany-brown, golden yellow crested center. Pkt., 25c; large pkt., 60c.

Nemophila

Insignis, Blue. A pretty annual growing about 8 inches high, with light blue flowers. Pkt., 10c; large pkt., 25c; oz., 85c.

Nigella - Love-in-a-Mist

Miss Jekyll. Lovely garden annuals, with finely cut green foliage and curious-looking seeds and seed pods. The double flowers are clear Cornflower-blue. 1½ ft. Pkt., 10c; large pkt., 25c; oz., 85c.

Everyone admires the new Double Nasturtiums for their color and fragrance

Nicotiana - Flowering Tobacco

Showy annual plants, giving a continuous display of brilliant flowers. 2 to 3 ft.
Affinis. Fragrant, tubular, pure white flowers. Pkt., 10c; large ptk., 25c.

Affinis Hybrids, Mixed. Large, sweet-scented flowers in a variety of colors. Pkt., 10c; large ptk., 25c.

Crimson Bedder. Rich deep crimson. Dwarf. Pkt., 15c; large ptk., 40c.

Miniature White (N. suaveolens). A dwarf annual type growing 1 1/2 feet high, with miniature white, very fragrant flowers. Excellent for border or bedding. Pkt., 15c; large ptk., 60c.

Mitchell's Giant Nasturtiums

Nasturtiums are among the best known and most popular of hardy annuals. Easily grown, and producing a great profusion of brightly colored flowers from within a few weeks after they are sown until they are killed by frost.

DWARF OR BEDDING—TOM THUMB

Of dwarf, compact growth, excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across.

NEW DWARF DOUBLE

Scarlet Globe. Perfect, compact plants of globe-shaped growth about 1 foot tall. Giant double and semi-double, sweet-scented, fiery scarlet blooms in great profusion. Pkt., 10c; oz., 35c.

Golden Globe. All-America Winner. Identical in color with the popular Golden Gleam, but of dwarf, compact growth. Free flowering. Very double and sweet scented. Pkt., 10c; oz., 35c.

Gem Mixture. Free-flowering, semi-double, sweet-scented flowers in an excellent color-range, and containing both light- and dark-flowering plants. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

Mitchell's Giant-Flowering Dwarf, Mixed. This is one of the finest mixtures, composed of the largest and best named varieties and is unsurpassed for brilliancy of color. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$2.00.

Double Nasturtium Novelties

All-America Winners

This type is of the semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous bush which throws out short runners averaging 18 inches. The flowers are very large and double and exceedingly sweet scented. Another feature is that the blooms stand well above the foliage and are excellent for cutting; well adapted for pot culture.

Golden Gleam (Bodger.) Large, golden yellow, semi-double, sweet-scented flowers. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

Scarlet Gleam (Bodger.) The flowers are fiery orange-scarlet, 3 inches across, and uniformly double, with lush green foliage. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

Gleam Hybrids. (Bodger.) Gorgeously colored, large, well-formed flowers of dazzling beauty. A very brilliant mixture. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

TALL or CLIMBING NASTURTIUMS

For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. The seed pods can be gathered while green and tender, for pickling. 8 to 10 ft.

Mitchell's Giant-Flowering, Mixed Tall. This mixture cannot be excelled for large size and beautiful colors of the flowers. Composed of the largest and finest varieties. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$2.00.

Nemesia

Strumosa Suttoni. A fine annual, with large flowers varying in color from creamy white to deep orange and carmine. 1 1/2 ft. Pkt., 15c; large ptk., 50c.

Blue Gem. Flowers bright blue. Growth compact. Pkt., 15c; large ptk., 60c.

Nierembergia

PURPLE ROBE. Bronze Medal, All-America Selections. Deep violet-blue. For complete description see Novelties, page 21. Pkt., 25c; large ptk., 75c.

***Hippocratea** (N. Cup Flower). New. Small, cup-like flowers of a lovely lavender-blue shade, with a touch of yellow in the center. Plants 5 to 6 inches tall, with 8 to 10-inch spread, and commence to flower in 15 weeks. Pkt., 25c; large ptk., 75c.

Oenothera - Evening Primrose

Beautiful hardy perennials of easy culture. The plants continue in bloom all summer.

***Missouriensis.** A prostrate-growing variety with large, bright yellow flowers. Pkt., 15c; large ptk., 75c.

Youngii. Showy. Large yellow flowers. 3 ft. Pkt., 15c; large ptk., 75c.

Mitchell's PANSIES

Strictly considered, this is a biennial, but the fact that it flowers the first season from seed recommends it as an annual. There are actually three seasons in which Pansies can be planted: If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the fall; sown in frames during July and August, and transplanted later, they give us the main crop of flowers the following spring.

Giant-Flowering Mixtures

AMERICA

A very selected dwarf strain and free flowering. Comes in a fine mixture of popular shades. American-grown seed. Pkt., 25c; large ptk., 75c.

MAPLE-LEAF GIANTS

This new variety has giant flowers measuring 4 to 6 inches across, perfectly round, and in a great variety of colors. Pkt., 25c; large ptk., 5c.

New Giant Pansy, Mitchell's Springtime

This is a fine new early-flowering variety, with blooms measuring 3 1/2 to 4 inches across. The plants are of dwarf habit and commence to bloom very early in the spring. The mixture contains all the bright shades that are so popular in the spring garden. Pkt., 25c; large ptk., 75c; 1/8 oz., \$1.75.

Engelmann's Special Mixture

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades. Pkt., 50c; large ptk., \$1.00.

Giant Trimardeau, Mixed. Pkt., 10c; large ptk., 75c; 1/4 oz., \$1.50.

Mitchell's Giant Exhibition. Flowers of immense size, very heavy texture, and of the most brilliant colors. Pkt., 25c; large ptk., 75c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; oz., \$10.00.

Swiss Giants

Alpenglow. Cardinal-red shades with dark blotches. Pkt., 25c; large ptk., 75c.

Berna. (Swiss Giants.) Very rich, velvety purple-violet, of extra quality. Pkt., 25c; large ptk., 75c.

Coronation Gold. Round canary-yellow flowers as much as 3 inches across, with slightly ruffled edges and lower petals flushed golden orange. Pkt., 25c; large ptk., 75c.

Lake of Thun (Swiss Giants). A distinct maize-blue variety, with deep blue blotches. Pkt., 25c; large ptk., 75c.

Luna. Soft sulphur-yellow with frilled edges. Pkt., 25c; large ptk., 75c.

Pure White. The best giant pure white. Pkt., 25c; large ptk., 75c.

Rheingold (Swiss Giants). Deep golden yellow, with black blotches on the three lower petals. Pkt., 25c; large ptk., 75c.

Improved Swiss Giants. Flowers large, with overlapping petals in many brilliant colors and shades. Excellent for greenhouse culture. Pkt., 25c; large ptk., 75c; 1/8 oz., \$1.75.

Mitchell's New Swiss Giants. A new strain with enormous flowers and containing many unusual colors, such as salmon pink, red, blue, yellow, etc., all beautifully blotched. Pkt., 50c; large ptk., \$1.25.

Dwarf, Choice Mixed. For those who desire a dwarfer and more compact type than the original, we highly recommend this new strain. Very free flowering and in a great variety of colors. Pkt., 25c; large ptk., 75c.

Mitchell's Exclusive Pansies

NEW SUNSHINE ART SHADES

Summer Blooming Pansy. This new strain has been developed from a type that is free flowering and blooms exceedingly well during the hot summer months. A beautiful range of delightful bright, pastel, and art shades, containing many unusual tints and blotches. Pkt., 25c; large ptk., 75c; 1/8 oz., \$1.25.

GIANT or BEDDING PANSIES

Yellow Shaded. Without blotches. A magnificent strain. Giant flowers. Plants of compact, dwarf habit. Fine for bedding for mass effect in borders. Pkt., 25c; large ptk., 75c; 1/8 oz., \$1.25.

Lord Beaconsfield, Improved Strain. Deep velvety violet, shading to white at the margins of the upper petals. Free flowering, excellent for bedding. Pkt., 25c; large ptk., 75c; 1/8 oz., \$1.00.

COLLECTION—1 ptk. each for 60¢

Shakespeare's Pansies

These are the simple, quaint little Pansies of Shakespeare's time, and are suitable for any location in the garden. They can be very easily grown wherever Pansies are successful and are most ideal for the old-fashioned garden, the rock garden, or that shady location in the border. The habit of growth is similar to Violas, and they flower continually throughout the season. The flowers range through purples, yellows, blues, and whites, and are delightfully fragrant. Pkt., 25c; large ptk., \$1.00; 1/16 oz., \$2.00.

Broaden your flower knowledge by trying each season some things you are not acquainted with. You will have many pleasant surprises.

Ask for Cultural Leaflet No. 209 on the growing of Pansies.



Mitchell's Giant Exhibition Pansy

Have you grown the large double Petunias? They are gorgeous

Michell's PETUNIAS

For freedom of bloom, variety of color, and effectiveness, the Petunia has few equals, for the flower garden, porch or window box. They commence blooming early and continue until killed by frost. We call special attention to our Large-Flowering Strains, which for size and brilliancy of coloring cannot be surpassed.

Outstanding Petunias Exclusive with Michell's

New Victory. An extra dwarf, super giant Petunia. Huge deep throated fluted flowers, averaging up to 7 inches across. The plant habit is very dwarf, compact, bushy and free flowering. Our exclusive mixture contains a color range of excellent light and dark shades. This is a fine variety for bedding or for exhibition. Pkt., 35c; large pkt., \$1.00.

New Dazzler. The brightest and most colorful Petunia yet introduced. The flowers are brilliant shades of orange and rosy scarlet. Plain and semi-ruffled, gold and white throated. Large blooms, plants of dwarf compact habit. Fine for bedding or window boxes. Pkt., 35c; large pkt., \$1.00.

New Improved Admiral. A very superior selected strain. Flowers are a rich violet-blue, slightly waved. The plants are compact and upright in habit. Pkt., 35c; large pkt., 75c.

Collection of 1 ptk. each of the above
3 superb Petunias for 90c.

1943 A. Selections Winners

IGLOO. Bronze Medal 1943 All-American Selections. This new extra compact white Petunia produces flowers of medium size, pure white with a slight yellow throat and coming 100 per cent true. The plants are uniformly compact throughout the season, and continue to flower until frost. The plant is a perfect mound of white, 8 to 10 inches in height, reminding one of an Eskimo Igloo. This variety is ideal for borders. Pkt., 25c; large pkt., \$1.00.

ENGLISH VIOLET. Honorable Mention 1943 All-American Selections. A new and most pleasing shade of violet-blue Petunia, different from any other of the mid-blue varieties. It is almost the same beautiful color as English Violets. Very important, it will hold this uniform color throughout the season. The plants grow normally 15 inches high, quite compact, and we believe the best made blue dwarf bedding Petunia yet introduced. Pkt., 25c; large pkt., 75c.

Single Large-Flowered Plain-Edged

BLUE BEAUTY. New. A large-flowering plain-edged Petunia in a clear deep blue shade. Plants are vigorous growers. Pkt., 25c; large pkt., 75c.

MICHELL'S DWARF ELK'S PRIDE. A really dwarf type of this popular Petunia in which the straggly habit is entirely lacking. The color is the well-known royal purple. Pkt., 25c; large pkt., 85c.

GIANT PINK GLORY, MICHELL'S NEW IMPROVED DWARF. Very large, plain-edged rose-pink flowers. Dwarf, compact habit, making it fine for pots or bedding. Pkt., 25c; large pkt., 85c.

Purple Prince. Fine velvety purple, large-flowering. Pkt., 25c; large ptk., 75c.

SNOWSTORM. A fine large flowering, plain-edged pure white variety. Very free flowering. Good as a pot plant and for bedding. Pkt., 25c; large ptk., 85c.

Single-Flowered Grandiflora 1½ feet.

Mars, Single-Flowered Grandiflora Hybrids. New. This new variety is the deepest crimson and largest-flowered to date. The color is deeper than Flaming Velvet, and the flowers are huge, measuring 4 inches across. Pkt., 25c; large ptk., 60c.

Radiance, Single Hydrangea Type. Silver Medal. A very brilliant and rich rose or cerise color with brown veined, yellowish throat. Flowers 1¾ to 2 inches across. Height 1 to 1½ feet. Pkt., 25c; large ptk., 50c.



Petunia, Flaming Velvet

FLAMING VELVET. Rich, brilliant, velvety blood-red, medium-sized flowers. Pkt., 25c; large ptk., 50c.

General Dadds. A fine bedding variety. Rich velvety blood-red blossoms. Pkt., 10c; large ptk., 50c.

HOLLYWOOD STAR. All-American Winner. Rich rose with an amber throat. The flower is unique—it is in the form of a five-pointed star. Pkt., 25c; large ptk., 50c.

Howard's Star, Improved. Produces a profusion of crimson-maroon flowers, with a distinct five-pointed white star. Pkt., 15c; large ptk., 60c.

TOPAZ ROSE. All-American Winner. The color of this new Petunia is a fiery, velvety rose, slightly suffused with gold. Pkt., 25c; large ptk., 75c.

Dwarf Single Small-Flowered Sorts

1 foot.

NEW VARIETIES

FIRST LADY. Silver Medal, All-American Selections. Large 2½-inch flowers of beautiful light or bluish-pink in profusion all season. Pkt., 25c; large ptk., 75c.

CREAM STAR. Silver Medal, All-American Selections. Moundlike plants 8 to 10 inches tall bloom mainly from early summer until frost, the bloom literally hiding the foliage. Each dainty white flower is marked with a cream-colored star. Pkt., 25c; large ptk., 75c.

GLOW, NANA COMPACTA. Silver Medal, All-American Selections. Medium-sized single flowers of a very intense glowing carmine-rose. Blooms measure 2½ inches across, and are borne in great profusion on dwarf plants. Pkt., 25c; large ptk., 75c.

BETSY ROSS, MINIATURE RUFFLED. New. Red and white, the white blending to golden and the red to very deep red in the throat. Well ruffled, 2½ inches in diameter. Unsurpassed for bedding and as a pot plant. Pkt., 25c; large ptk., 60c.

VIOLET-BLUE. Rich violet with a bright cast. Plants uniform, compact in habit. The clean dark foliage is almost covered by the blooms. Out. 25c; large ptk., 50c.

SCALLOP FLAME. Dwarf, compact-growing type with large, brilliant scarlet-rose flowers. Out. 25c; large ptk., 75c.

VELVET BALL (Dwarf Flaming Velvet). All-American Winner. The plants reach a height of about 8 inches. Blooms each comparatively large, about 2½ inches in diameter, well shaped; deep velvety blood-red. Pkt., 25c; large ptk., 75c.

WHITE PERFECTION. All-American. Dwarf compact plants with abundant small white flowers which cover the foliage. Excellent for bedding. Pkt., 25c; large ptk., 75c.

Dwarf Single Small Flowered STANDARD SORTS

1 foot.

Bluebird. An excellent bedding variety. Medium-sized flowers of a deep blue color. Pkt., 15c; large ptk., 50c.

Celestial Rose. Compact, Deep rose. Excellent for bedding. Pkt., 15c; large ptk., 50c.

Cockatoo. Violet, with white spots. Pkt., 15c; large ptk., 50c.

Dwarf Inimitable. Dwarf, compact habit. Profuse bloomer. Flowers striped and blotched. Pkt., 10c; large ptk., 50c.

Silver Blue (Heavenly Blue). Makes a fine bedding variety combined with Rosy Morn. Pkt., 15c; large ptk., 50c; ¼ oz., \$2.25.

King Henry. Free flowering, dwarf, compact habit. Blood-red color. Pkt., 25c; large ptk., 75c.

MARTHA WASHINGTON. A ruffled or, frilled, dwarf, compact type, about 9 inches high. Blush-pink, center veined wine-red. Pkt., 25c; large ptk., 75c.

Periwinkle Blue. Flowers are a delightful shade of pastel blue. Resembles very much the perennial Vinca. Pkt., 15c; large ptk., 50c.

Rosy Morn. Dwarf, bushy plants, bearing in great profusion brilliant rose-colored flowers with a white throat. Pkt., 10c; large ptk., 50c; ¼ oz., \$1.25.

Rose of Heaven. Rich, brilliant rose color. Pkt., 10c; large ptk., 60c; ¼ oz., \$1.25.

Salmon Supreme. Free-flowering, Soft salmon-pink. Pkt., 25c; large ptk., 75c.

Snowball. A fine, compact sort, producing a profusion of soft white flowers. Pkt., 10c; large ptk., 50c.

TWINKLES. Brilliant rose, starred white. Fine bedding sort. Pkt., 25c; large ptk., 50c.

Violacea. Plants of erect, dwarf type. Beautiful deep violet flowers. Pkt., 15c; large ptk., 60c.

Choice Mixed. Pkt., 10c; large ptk., 40c; ¼ oz., \$1.00; oz., \$3.00.

Portland Petunias

For planting of veranda boxes and for choice potted plants, or for bedding out, these Petunias in select colors never fail to please.

Elk's Pride. Large, deep royal purple blooms. Pkt., 25c; large ptk., 75c.

Pink Triumph. Clear, bright pink, delicately fringed. Pkt., 25c; large ptk., 75c.

Scarlet Beauty. Flowers fringed shading from cherry-red to deep maroon. Pkt., 25c; large ptk., 75c.

White Beauty. Pure white flowers with finely fringed edges. Pkt., 25c; large ptk., 75c.

Mixed Colors. Pkt., 25c; large ptk., 75c.

Single Ruffled Giants

(With veined throats.)

DWARF CALIFORNIA GIANTS, RAMONA STRAIN. An excellent new dwarf strain of California Giant. Very compact. Fine for pots. Pkt., 25c; large ptk., 85c.

GLAMOUR. Honorable Mention, All-American Selections. Rich salmon-rose, white throat. For complete description see Novelties, page 21.

MICHELL'S BEAUTY. (Dwarf Super-Giant Ruffled). Bright clear salmon. For complete description see Novelties, page 22.

GIANT COPPER-RED, MICHELL'S NEW IMPROVED DWARF. The ruffled flowers are a brilliant copper-red, with beautifully veined dark throats. Pkt., 25c; large ptk., 85c.

MICHELL'S QUAKER GIANTS, MAMMOTH SINGLE. Novelty. Deep-throated, single flowers, well ruffled. Plants of dwarf habit. Excellent for pots. Selected mixture. Pkt., 25c; large ptk., \$1.00.

California Giants. One of the largest-flowered varieties. Bright, desirable colors. Robust plants. Pkt., 25c; large ptk., 75c.

Phlox Drummondii, Gigantea Art Shades, makes a lovely bed

Large Single Fringed

MICHELL'S ADORABLE. Dwarf fringed lace-veiled type. Rose-pink with white veined throats. Complete description on page 22. Pkt., 25c; large ptk., 85c.

MICHELL'S SUPER FLUFFY RUFFLES. Splendid new strain with beautifully ruffled and fringed flowers that at first glance appear fully double. The color is a lovely blending of rose and salmon shades. Pkt., 25c; large ptk., 85c.

Dainty Lady. Plants neat, compact, semi-dwarf, and free flowering. Blooms medium size, delicately fringed, color light golden yellow. Pkt., 25c; large ptk., 85c.

Lace Veil. Dwarf, fringed; pure white. Pkt., 25c; large ptk., 75c.

Michell's Giant Fringed, Mixed. Flowers large, beautifully fringed and ruffled. Pkt., 25c; large ptk., 85c.

THEODOSIA, Michell's Improved Strain. New. Large brilliant rose-pink flowers with full open throat. Pkt., 25c; large ptk., 85c.

SETTING SUN. An especially fine, dwarf sort of compact habit, 1 foot high. Brilliant rose-pink flowers, beautifully fringed, 3 inches across. Comes true from seed. Pkt., 25c; large ptk., 75c.

Violet King. Beautiful, velvety violet-blue, immense, fringed flowers. Pkt., 25c; large ptk., 85c.

Nana Compacta or Miniature

A new dwarf, compact variety, about 10 inches in height.

VIOLET GEM. Honorable Mention, All-America Selections. Miniature, violet-blue Petunia. Pkt., 25c; large ptk., 75c.

Rose Gem. Rich deep rose. Pkt., 25c; large ptk., 75c.

Senator Improved. Violet self, white throat. Pkt., 25c; large ptk., 75c.

Choice Mixed. Pkt., 25c; large ptk., 75c.

Ask for Cultural Leaflet No. 205 on the growing of Petunias.

Phlox Drummondii

One of our finest hardy annuals and should occupy a prominent place in every garden.

GIGANTEA, RED GLORY. Honorable Mention, All-America Selections. Giant rich red flowers, white eye. For complete description see Novelties, page 22. Pkt., 25c; large ptk., 75c.

GIGANTEA, ROSY MORN. Bronze Medal, All-America Selections. Flowers are a combination of rose-pink with a white eye, larger than a half dollar. Free flowering and will not fade in the sun. Pkt., 25c; large ptk., 75c.

SALMON GLORY
All-America Winner

The individual flowers are gigantic for Phlox, measuring from 1 to 1½ inches in diameter. The color is a pure salmon-pink with a distinct, creamy white throat. Pkt., 25c; large ptk., 60c.

GIGANTEA ART SHADES, MIXED

All-America Winner

A strain with flowers 1¼ to 1½ inches in diameter. In many pleasing art shades. Plants grow about 9 inches high. Choice mixture only. Pkt., 15c; large ptk., 50c; oz., \$3.00.

GRANDIFLORA

Large heads of bloom, as well as large individual flowers. 12 to 15 inches.

	Pkt.	Large skt.	Large pkts.
Alba. Pure white	\$0.10	\$0.40	
Chamois-Rose. Shell-pink .....	.10	.40	
Coccinea. Brilliant scarlet .....	.10	.40	
Lilac .....	.10	.40	
Pink .....	.10	.40	
Yellow .....	.10	.40	
Choice Mixed. Oz. \$2.50 .....	.10	.40	

COLLECTION

One ptk. each of above 6 colors, 50c.

Large Alldouble-Flowering Petunias

The latest development in Double Petunias is the new Alldouble strain which produces 100 per cent double flowers. We offer the following varieties in this strain and feel certain that they will prove a sensation.

BLUE BROCADE. Silver Medal, All-America Selections. Double, fringed, violet-blue. Pkt., 50c; large ptk., \$1.50.

Apple Blossom. All-America Winner. A beautiful apple-blossom-pink. The color and habit of growth are very uniform, the plants being dwarf, 12 to 15 inches high, covered with large, double, fringed flowers. Pkt., 50c; large ptk., \$1.50.

Amaranth-Red. A new color in this popular strain of Petunias. Pkt., 50c; large ptk., \$1.50.

Carmine Queen (World Beauty). An exceptionally fine dwarf type. Flowers very double, beautiful rosy carmine. Pkt., 50c; large ptk., \$1.50.

Loveliness. Identical in habit to the popular Carmine Queen, with the exception of the color, which is a clear La-France-pink. Pkt., 50c; large ptk., \$1.50.

Orchid Beauty. All-America Winner. A delightful shade of orchid, which blends beautifully with the pink colors in this group. Habit of growth is dwarf and compact. Pkt., 50c; large ptk., \$1.50.

Alldouble Purple. Pkt., 50c; large ptk., \$1.50.

White Queen. Pure white, double, beautifully fringed. Extra dwarf and free flowering. Pkt., 50c; large ptk., \$1.50.

Victorious, Mixed. All-America Winner. An extra-dwarf, giant, mixed Petunia which produces 100 per cent double-flowered plants. The habit of growth is very dwarf and compact, the flowers large and fully double in many brilliant and fancy colorings. Pkt., 50c; large ptk., \$1.50.

The following DOUBLE VARIETIES are a splendid strain producing an average of 60 to 70 per cent doubles:

Double Fringed, Mixed. Flowers of large size, beautifully fringed and embracing a splendid variety of colors. Pkt., 50c; 500 seeds, \$1.25.

Choice Double, Mixed. A good mixture. Pkt., 25c.

DWARF or COMPACT

The plants grow in very symmetrical, neat little bushes, 6 to 8 inches high, and are covered with flowers during the whole summer and fall. Excellent for bedding or edging.

	Pkt.	Large pkts.
Cecily, Mixed. Large flowering; compact	\$0.10	\$0.60
Chamois-Rose .....	.10	.60
Fireball. Brilliant scarlet .....	.10	.60
IsABELlina. Yellow .....	.10	.60
Pink .....	.10	.60
Snowball. Pure white .....	.10	.60
Choice Mixed .....	.10	.60

Hardy Phlox

Decussata, Mixed. Tall-growing, perfectly hardy plants, with immense trusses of large flowers in all bright colors. Pkt., 10c; large ptk., 75c; 1/4 oz., \$1.25.

Portulaca - Sun-Plant

Brilliant, hardy annual of easy culture, excellent for massing in beds, edging, or rock work, thriving best in a light, sandy soil and a sunny situation.

DOUBLE-FLOWERING

A select strain that will produce from 60 to 80 per cent double flowers.

	Pkt.	Large pkts.
Pink	\$0.10	\$0.50
Scarlet .....	.10	.50
White .....	.10	.50
Yellow .....	.10	.50
Mixed. Pkt., 10c; large ptk., 50c; 1/4 oz., \$1.50; oz., \$4.50.		

SINGLE-FLOWERING

Choice Mixed. Pkt., 10c; large ptk., 40c; 1/4 oz., 85c.

Balcony Petunias

A fine, large-flowering, free-blooming type suitable for vases, window- or porch-boxes; also valuable for bedding.

ROSY MORN, BALCONY. The plants throw out long stems which are literally covered with rose-pink flowers having white throats. Pkt., 20c; large ptk., 50c.

Blue. Rich indigo-blue. Pkt., 15c; large ptk., 60c.

Crimson. Rich velvety crimson. Pkt., 15c; large ptk., 60c.

Netted Blue Gem. A new color in the Balcony type—steel-blue—beautifully netted or veined. Pkt., 25c; large ptk., 75c.

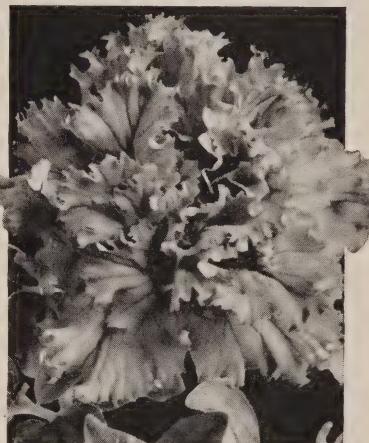
Rose. Rose-pink. Pkt., 15c; large ptk., 60c.

White. Pure white. Pkt., 15c; large ptk., 60c.

Mixed Colors. Pkt., 15c; large ptk., 60c.

How to Sow Petunia Seed

The seed of Double Petunias is very fine and should be sown inside in flats or pots, using a mixture of finely sifted soil, with the addition of some sand. Thoroughly water the soil and then lightly scatter the seed on the surface. Do not cover the seed with soil. The receptacle should be covered with a sheet of newspaper and a pane of glass, and kept in a warm location until the seedlings start to grow. It is important not to discard the small seedlings, as these usually produce the best double flowers.



Alldouble Petunia, Blue Brocade

Pyrethrum

FOLIAGE VARIETY FOR BEDDING

Used for edging of ornamental beds. Leaves finely cut.

Aureum (Golden Feather). Bright golden yellow foliage. 1 ft. Pkt., 10c; large ptk., 25c; oz., 85c.

PERENNIAL VARIETIES

Undoubtedly one of the best hardy perennials, both for garden work and cut-flower purposes. A row of twenty-five plants will prove very useful. Absolutely hardy and of very easy culture. 30 in.

Atrosanguineum. Dark red shades. Pkt., 25c; large ptk., 75c.

Roseum. Flowers bright rose color. 2 ft. July. Pkt., 10c; large ptk., 75c.

Ulinoginum (Giant White Daisy). Large, single white flowers. 3 to 4 ft. September. Pkt., 10c; large ptk., 60c.

Hybridum, Single Mixed. Large flowers, ranging in color from light pink to deep red, with bright yellow centers. 2 ft. July. Pkt., 10c; large ptk., 60c.

Hybridum, Double Mixed. Pkt., 25c; large ptk., \$1.00.

Why don't you try the newer Iceland Poppies?

Pinks

See Carnation, page 27, and Dianthus, page 30.

Platycodon

(Japanese Balloon Flower)

One of the best hardy perennials, bearing a profusion of large, bell-shaped flowers the whole season. Excellent for planting in borders or among shrubbery. 2 to 3 ft.
Grandiflorum. Blue. Pkt., 10c; large ptk., 40c.

Michell's Poppies

One of our favorite and most popular flowers, producing, during the blooming period, a profusion of brilliant colors and shades. Seeds should be sown as early in the spring as possible, where they are to remain, as they do not stand transplanting. Sow very thinly and barely cover the seed, press down firmly, and they will come up in a few days. Several sowings of the annual varieties may be made at intervals to have a succession of bloom.

SINGLE ANNUAL

Michell's Shirley, Mixed. This lovely race of Poppies varies in color from pure white and delicate pink to rosy carmine and deep crimson. Pkt., 10c; large ptk., 25c; oz., 60c.

Shirley, Wild-Rose-Pink. Beautiful rich pink sort that comes almost true from seed. Pkt., 10c; large ptk., 25c; oz., 85c.

FLANDERS

This is the well-known Poppy of Flanders fields so often mentioned in songs and stories of the Great War. Medium-sized, scarlet flowers. Pkt., 10c; large ptk., 25c; oz., 60c.

DOUBLE ANNUAL POPPIES

Improved Shirley, May Queen, Mixed. A re-selected strain. Large, double flowers. Pkt., 10c; large ptk., 25c; oz., 75c.

ORIENTAL POPPIES

These are always popular in any perennial bed. The seeds should be sown in early spring in the open ground.

Oriental. Extra-large, deep scarlet flowers. Pkt., 10c; large ptk., 40c; 1/4 oz., 75c.

Oriental, Mrs. Perry. Rich salmon-pink. Pkt., 10c; large ptk., 75c.

Oriental, Royal Scarlet. Brilliant scarlet. Pkt., 25c; large ptk., 75c.

Oriental Hybrids, Mixed. Large flowers. Pkt., 10c; large ptk., 50c; 1/4 oz., 85c.

ICELAND POPPIES—*Papaver nudicaule*

While these are hardy perennials, they flower the first year from spring-sown seed. They are of graceful habit, with fernlike foliage. The satin-like flowers are borne in endless profusion, excellent for cutting, 1 ft.

GARTFORD GIANT ART SHADES. Large flowers carried on exceedingly heavy stems up to 30 inches in length. The color-range includes pastel shades of apricot, cream, gold, white, and various shades of rose. Its blooms make excellent cut-flowers when properly treated by dipping the ends in boiling water. Pkt., 25c; large ptk., 75c.

Yellow Wonder. All-American Winner. Buttercup-yellow flowers, with a lighter center, are 4 to 6 inches across, and the stems are often more than 2 feet long. Fine for cutting. Pkt., 25c; large ptk., 60c.

Fakenham Hybrids. Flowers 2 1/2 to 3 inches across. Extremely free flowering. Fine line of colors. Pkt., 25c; large ptk., 60c.

Gartref, New Hybrids. Beautiful range of art shades. Flowers very large. Pkt., 25c; large ptk., 60c.

Single, Mixed. Colors range from white and yellow to deep orange-scarlet. Pkt., 10c; large ptk., 40c; 1/4 oz., 75c.

Sunbeam. Fine new shades in mixture. Pkt., 15c; large ptk., 40c.

Pueraria

Thunbergiana (Kudzu Vine). One of the fast-growing, hardy climbing plants, reaching a height of 8 to 10 feet the first year from seed. Its foliage is large and covers well. Rosy purple, pea-shaped blossoms toward the end of August. Pkt., 10c; large ptk., 30c.



Ricinus Communis

Red-Hot Poker

See Tritoma, page 42.

Reseda

See Mignonette, page 33.

Rhodanthe - Everlasting Flower

See page 31.

Ricinus communis

(Castor Oil Bean)

Large, rapid-growing, ornamental foliage plant. Produces a fine effect in center of beds or singly on lawns.

Cambodgensis. Leaves dark bronzy maroon. 5 ft. Pkt., 10c; oz., 25c.

Red Spire. A very effective variety, with bronzy green foliage and rosy crimson seed spikes. 6 ft. Pkt., 10c; oz., 25c.

Sanguineus. Blood-red stalks and red fruit. 8 ft. Pkt., 10c; oz., 25c.

Zanzibarensis. Enormous leaves, varying in color from light green to purplish red. 12 ft. Pkt., 10c; oz., 25c.

Mixed. All sorts. Pkt., 10c; oz., 25c.

Rudbeckia - Coneflower

Kelvedon Star. A really good annual and a perfect, long-stemmed flower for cutting. Very floriferous and of sturdy habit of growth. Colors vary, but all have brown central discs, surrounded by a mahogany zone on petals of deep orange. 3 ft. Pkt., 15c; large ptk., 50c.

Salpiglossis - Painted Tongue

Easy-growing annual plant which has become a great favorite, not only because of its easy culture, but mainly for its beautifully tinted and veined flowers. Blooms from early summer until late fall. 1 1/2 ft.

Rose, Crimson and Gold. Definitely a new color in Salpiglossis. The richly colored blooms are very large. Excellent for cutting. Pkt., 25c; large ptk., 50c.

Large
Pkt.
pkts.

Crimson and Gold \$0.10 \$0.40

Primrose10 .40

Purple and Gold10 .40

Rose and Gold10 .40

Scarlet and Gold10 .40

White and Gold10 .40

Emperor, Mixed. A type having only one main stem, and bearing on its summit a large number of beautiful flowers, each one richly veined with gold10 .30

COLLECTION

One ptk. each of above 6 colors, 50c.

Sanvitalia - Creeping Zinnia

Procumbens fl.-pl. Double, bright yellow flowers. Pkt., 10c; large ptk., 50c.



Salpiglossis

Scabiosas are fine cut flowers—plant some this year

Salvia - Scarlet Sage

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers.

America (Globe of Fire). Dwarf, bushy, compact grower and very uniform in height and shape. Pkt., 25c; large pkt., 75c; 1/4 oz., \$2.00.

Bonfire (Clara Bedman). Compact, bushy plants, 2 feet high, producing erect spikes of the most brilliant scarlet flowers. Pkt., 25c; large pkt., 75c; 1/4 oz., \$1.50.

Splendens. Tall-growing plants with bright scarlet flowers. 3 ft. Pkt., 10c; large pkt., 60c; 1/4 oz., \$1.50.

PERENNIAL VARIETIES

Azura grandiflora. Produces spikes of sky-blue flowers during August and September. 3 to 4 ft. Pkt., 15c; large pkt., 60c.

Royal Blue. A new improved strain. Very uniform in growth, with deep blue flowers. Pkt., 25c; large pkt., 75c.

Blue Bedder. A new variety of Farinacea. Very compact. Deep blue flowers borne very profusely from seed the first year. Pkt., 25c; large pkt., 75c.

Farinacea. A perennial variety, but best treated as an annual. Color, light blue. 2 ft. Pkt., 10c; large pkt., 75c.

Patriots. Large, bright blue flowers. 2 ft. Pkt., 15c; large pkt., 75c.

Scoparia - Bouncing Bet

Vaccaria. A profuse-blooming annual with pink flowers. 2 ft. Pkt., 10c; oz., 30c.

Schizanthus - Butterfly Flower

One of our finest hardy annuals, and of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of Orchids.

Dwarf Large-Flowering, Mixed. A compact-growing variety and very free flowering. Excellent for pots. Pkt., 25c; large pkt., 75c.

Garroway's Hybrids, Mixed. Large flowers with markings on a white, buff, rose, blue, or purple ground. Pkt., 25c; large pkt., 75c.

Giant Pansy-Flowered. Large Pansy-flowered blooms in a wide range of rich colors. Pkt., 25c; large pkt., 75c.

Hybridus grandiflorus, Mixed. Compact, pyramidal plants with flowers of many shades. Pkt., 10c; large pkt., 50c.

Wisetonensis. Largely used as a pot plant for the house. Flowers range from white with yellow center to pink with brown center. 1 1/2 ft. Pkt., 10c; large pkt., 60c.



Scabiosa Caucasia

Scabiosa - Mourning Bride

GRANDIFLORA VARIETIES

Anual

Magnificent annuals of easy cultivation, blooming freely through the summer and autumn. Very effective for beds or borders and valuable for cutting. 2 ft.

REACE. The white flowers are fully double, 1 1/2 inches across on 3 1/2- to 4-inch stems. Good for cutting and an excellent garden variety. Pkt., 25c; large pkt., 60c.

PERENNIAL GIANTS, BLUE MOON. The color is a rich deep lavender-blue. Flowers are fully double, bee-hive-shaped. Upright plants 3 to 4 feet tall. Pkt., 25c; large pkt., 50c.

Giant Salmon Beauty. A pure salmon Scabiosa. The flowers are huge and the stems light and strong. Pkt., 25c; large pkt., 40c.

Orchid Shades. This new mixture of orchid shades contains all the colors and tones of the Cattleya Orchid. Equally lovely under natural or artificial light. Large flowers and very long, strong stems. Pkt., 15c; large pkt., 40c.

Rosette. Large-flowering type in a beautiful shade of deep rose heavily suffused with salmon. A new color addition to this popular garden flower. Pkt., 25c; large pkt., 40c.

Azura Fairy. Clear lavender-blue. Pkt., 10c; large pkt., 25c.

Blue Cockade. New. Large, deep azure-blue flowers. Pkt., 10c; large pkt., 25c.

Cherry-Red. Pkt., 10c; large pkt., 25c.

Flesh-Pink. Delicate shade. Pkt., 10c; large pkt., 25c.

Giant Loveliness. Flowers range through various tones of delicate salmon-rose. Pkt., 10c; large pkt., 25c.

King of the Blacks. Deep purple. Pkt., 10c; large pkt., 25c.

Peach Blossom. Peach-blossom-pink. Pkt., 10c; large pkt., 25c.

Rose. Soft rose color. Pkt., 10c; large pkt., 25c.

Snasta. Pure white; large; long stems. Pkt., 10c; large pkt., 25c.

Giant-Flowering Hybrids, Mixed. All-America Winner. Giant blooms in an unusual number of rare colors. Pkt., 10c; large pkt., 30c.

Finest Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

HARDY PERENNIAL SCABIOSA

Handsome perennial border plants flowering the entire season. As the seed of perennial Scabiosa is of slow germination, we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

Caucasica, Giant Hybrids, Mixed. Isaac House Strain. A great improvement in the Caucasica type, with larger flowers and longer stems. Colors range from light lavender to dark blue. Excellent for cutting. Pkt., 25c; large pkt., 75c.

Columbaria anthemifolia, Rose-Pink. A low-growing variety, with flowers measuring 2 to 2 1/2 inches across in a delightful shade of pink. Fine for cutting. Pkt., 25c; large pkt., 60c.

Columbaria anthemifolia, Lavender. Pkt., 25c; large pkt., 60c.

Caucasica alba. White. Pkt., 10c; large pkt., 60c.

Caucasica

Scabiosa

The new fragrant Stocks will surely please you

MICHELL'S "Distinctive" STOCKS

The Stock is one of the most popular and highly prized of our cultivated flowers because of its charming colors, delightful fragrance, and free-flowering character. Our seeds are hand-saved from well-grown specimens and will produce a large percentage of double flowers. The Early Giant Imperial and Early-flowering "Nice" Stocks must be started early indoors if wanted for outdoor blooming.

Ask for Cultural Leaflet No. 211 on the growing of Stocks.



Giant Imperial Stocks

NEW GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe they will head the list in forcing Stocks in the very near future. Giants of California are very early flowering, with a high percentage of mammoth double flowers, and having the branching habit of the Bismarck. If planted close, they will nearly attain the height of the Column Stock, approximately 30 to 36 inches.

	Pkt.	pkt.	Large pkt.
Golden Gate. Clear golden yellow.	\$0.25	\$0.50	\$0.10
Monterey. Bright pink	.25	.50	.40
Pacific. Light blue	.25	.50	.40
Redwoods. Blood-red	.25	.50	.40
Santa Barbara. Chamois	.25	.50	.40
Santa Maria. Pure white	.25	.50	.40
Tahoe. Lavender	.25	.50	.40
Yosemite. Rose	.25	.50	.40
Splendid Mixture	.25	.50	.40

EARLY GIANT IMPERIAL Improved Bismarck

An excellent addition to the early forcing class. The plants are of tall, branching habit, 2 to 2½ feet high, and produce a very high percentage of double flowers.

SUPER-EARLY, SAINT AMOUR. An exclusive Michell introduction. An excellent early branching type with clear lavender-rose flowers. Pkt., 25c; large pkt., \$1.00.

NEW SUPER-GIANT IMPERIAL. The following four varieties form a new group. The plants are base branching and produce 12 to 15 huge flower spikes, with individual florets measuring 2 inches or more in diameter.

	Pkt.	pkt.
Antique Copper. New. Rich hellebore-red—new and attractive shade	\$0.25	\$0.50
Apple Blossom. Blush-pink	.25	.50
Buttercup. A deeper shade than canary-yellow	.25	.50
Canary-Yellow (Golden Ball).	.25	.50
Chamois. Ivory, tinted old rose.	.25	.50
Dark Blue. A new shade	.25	.50
Elk's Pride. A new shade in this early group—an intense royal purple	.25	.50
Fiery Blood-Red. Extra fine	.25	.50
Golden Rose.	.25	.50
Lavender.	.25	.50
Lilac.	.25	.50
Mammoth Rose. Exclusive Michell's introduction	.25	.60
Rose. Deep rose-pink	.25	.50
Rose Charm. Rich, deep rose	.25	.50
Roselight. Bright rose	.25	.50
White.	.25	.50
Mixed Colors	.25	.50

Michell's Distinctive Stocks

GIANT COLUMN NON-BRANCHING Double Excelsior

This new type of Stocks produces one enormous spike 2 to 3 feet in height. Blooms about 10 days earlier than Bismarck.

Pkt. Large
pkt. pkt.

ROSE BEAUTY. An exclusive introduction. For complete description see Novelties, page 22.

	\$0.25	\$1.00
YELLOW WONDER. The color is a rich creamy yellow. Double flowers are 2 to 2½ inches across on 15- to 18-inch spikes with the full length of the stem emerging 36 to 40 inches	.25	.85
Ball Blue. Dark lilac-blue	.25	.85
Ball Pink No. 11. Rose-pink	.25	.85
Ball White	.25	.85
Chamois-Rose	.25	.85
Golden Rose. Deep rose, suffused gold	.25	.85
Illusion. Scarlet-red	.25	.85
Malmaison Pink. Beautiful shell-pink	.25	.85
Rose-Pink	.25	.85
Silvery Lilac	.25	.85
Mixed Colors	.25	.85

MICHELL'S EARLY-FLOWERING "NICE"
An early-flowering strain of branching habit and a remarkably free bloomer. Large, double, fragrant flowers.

Pkt. Large
pkt. pkt.

Choice Mixed. All colors \$0.15 \$0.50

LARGE-FLOWERED DWARF TEN-WEEKS

Leading variety for bedding out for summer blooming; also fine for pots.

	Pkt.	Large pkt.
Blood-Red	\$0.10	\$0.40
Dark Blue	.10	.40
Light Blue	.10	.40
Pink	.10	.40
White	.10	.40
Yellow	.10	.40
Mixed	.10	.40

Virginian Stock - Malcolmia

Mixed. An easy-growing border annual with small Iliac, red, or white flowers. Pkt., 10c; large pkt., 25c; oz., 75c.

Early Colonial Branching Stocks

This new Early Colonial strain does not produce a center spike, so therefore requires no pinching to make it branch. From the base 8 to 10 heavy 20-inch branches spread out.

ROSE STANDISH. Novelty. A large-flowered bright rose Stock. Excellent for cutting. Pkt., 25c; large pkt., 50c.

Mayflower. Brilliant rose-red. Pkt., 25c; large pkt., 50c.

Priscilla. Clear silvery lavender. Pkt., 25c; large pkt., 50c.

Puritan. Pure snow-white. Pkt., 25c; large pkt., 50c.

Strawflower

See Helichrysum, page 31.



Early Colonial Branching Stocks

Sweet Rocket - Hesperis

Mixed. An excellent perennial for naturalizing among shrubbery or for planting in a permanent border. Fragrant white and purple flowers, 2 to 3 ft. Pkt., 10c; large pkt., 25c; oz., 85c.

Tagetes - Single Marigold

Signata pumila. A dwarf, compact, bushy annual Marigold with golden yellow flowers and fern-like foliage. A fine bedding plant. Pkt., 10c; large pkt., 25c; oz., \$1.00.

Tahoka Daisy

A beautiful free-flowering annual, with fern-like foliage. The daisy-like flowers are lavender-blue and grow on good long stems, which make them splendid for cutting. Seed sown inside in April will commence to flower the latter part of June. For good germination, we suggest putting the seed in a refrigerator for a week or ten days. Pkt., 25c; large pkt., 75c.

HENRY F. MICHELL CO.

Michell's Spencer or Orchid Sweet Peas

New Early-Flowering Hot-Weather SWEET PEAS

This new type has performed outstandingly, giving excellent flowers on long stems. The exceptional merits are: first, the great vigor of growth; second, the ability to grow during the warm weather; third, the unusually long and stout stems.

BLACK-SEEDED WHITE. Strong-growing. Long-stemmed, large-flowered white sort. Pkt., 25c; 1/2 oz., 75c.

BLUE. Bronze Medals, All-America Selections. A splendid clear marine-blue. Pkt., 25c; 1/2 oz., 50c.

LAVENDER. Honorable Mention, All-America Selections. A fine clear lavender shade. Pkt., 25c; 1/2 oz., 50c.

MAUVE. Long-stemmed; clear satin-mauve. Pkt., 25c; 1/2 oz., 50c.

ROSE-PINK. Silver Medal, All-America Selections. A beautiful clear rose-pink shade. Pkt., 25c; 1/2 oz., 50c.

SPRING FLOWERING CHOICE MIXED. Pkt., 25c; 1/2 oz., 75c.

Novelty Varieties

SUMMER-FLOWERING

These are distinguished by the large flowers, with crinkled and wavy petals, and also by the fact that they usually bear four flowers on a stem. The varieties we offer are selected from a long list and are considered to be the best up-to-date sorts.

Cheerie-O. This is a mammoth-flowering, deep begonia-rose Sweet Pea, suffused with gold—a new color. Pkt., 15c; oz., 50c.

CRONY. An exhibition Sweet Pea of the first rank. Large, soft golden salmon flowers, on long stems. Strong grower. Pkt., 15c; oz., 50c.

GOLDEN DRAGON. A very large, duplex-flowered orange. The standard is a vivid, bright orange, while the wings shade to a deeper, softer orange-rose. Pkt., 15c; oz., 50c.

MAYTIME. The huge flowers of this new variety come in fours and fives on long, husky stems. Color is a rich golden cerise that will not burn in the sun. Pkt., 15c; oz., 50c.

BLUE and PURPLE

Fortune. Rich dark blue.

Royal Purple. Rich purple. One of the finest varieties.

Wedgewood. A lovely self-blue.

DEEP PINK or ROSE

Fluffy Ruffles. New, giant ruffled type; rich rose-pink with soft salmon shading.

Pinkie. Extraordinary large rose-pink flowers.

LAVENDER

Asta Ohn Spencer. Rich lavender.

Austin Frederick Improved. Giant light lavender blooms.

Glenegables. Large; lavender.

LIGHT PINK

Countess Spencer. Lovely clear pink, shading deeper at the edges.

Diana. New. Rose on cream; immense.

Elfride Pearson. Large; shell-pink.

ORANGE and SALMON

Barbara. Superbly self-colored salmon.

Peggy Ann. A rare new shade of attractive salmon-pink.

PRIMROSE and LIGHT YELLOW

Daffodil. The best yellow yet introduced.

SCARLET

Fiery Cross. Large; intense orange-scarlet.

Huntsman. Bright scarlet.

One ounce required for 15-foot row.

WHITE

Avalanche. Glistening pure white.

Constance Hinton. Large flowering; white. Black-seeded.

King White. Gigantic flowers; pure white.

Snowball. Undoubtedly the finest pure white variety.

Any of the Spencer varieties, except where noted: Pkt., 10c; oz., 40c; 1/4 lb., 85c; lb., \$3.00.

MICHELL'S SUPERB SPENCER MIXTURE

A mixture that cannot be surpassed.

We have blended it ourselves from only Giant Waved Spencer varieties in proper proportions of bright colors and including a number of new hybrids of exquisite colors and shades. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$2.00.

MICHELL'S Early Flowering SPENCER SWEET PEAS

Michell's Exclusive Introductions

TOP SERGEANT. 1943 introduction. Deep blood-red-crimson, large bold-faced flowers with extra long stems. An extra early variety, undoubtedly the truest crimson Sweet Pea. Pkt., 25c; 1/2 oz., \$1.00.

FOREST FIRE. 1943 introduction. Giant bright orange-scarlet, duplexed flowers that will not burn. This new Sweet Pea is very worth while. Pkt., 25c; 1/2 oz., \$1.00.

GORGEOUS. Never have we seen such a colorful Sweet Pea—a glistening golden cerise brightening to a carmine. Under artificial light it is truly gorgeous, as the name implies. The magnificent large duplexed flowers are produced in fours and fives on long stiff stems. Pkt., 25c; 1/2 oz., 50c.

LADY LUCK. Vivid carmine-rose, suffused with purple; large perfectly formed flowers. A very heavy producer on long, stout stems, each bearing four blooms. Pkt., 25c; 1/2 oz., 50c.

BRIDESMAID. A delicate, sparkling shade of silver-pink, as vigorous, healthy, slim, and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut flower for large table center arrangements. Large flowers, usually fours, on stems 14 to 16 inches long. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

DELICIOUS. Novelty. This fine new early-flowering variety is a lovely new color, being a shade of pale salmon and cream, delightfully blended together. The flowers are huge, and the habit and length of stem are everything a good Sweet Pea should have. Pkt., 25c; 1/2 oz., 40c; oz., 75c.

EILEEN. Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives Eileen a brilliancy of exotic splendor never before obtained in a Sweet Pea. The flowers are large, well placed on long stems. Vigorous grower and free bloomer. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

ELEANOR Blue. Another good novelty in the new and popular Eleanor blue shade—a clear light blue with a silver sheen. Flowers large, frilled, and of perfect Spencer form, with fours predominating, and pleasingly fragrant. Pkt., 15c; 1/2 oz., 35c; oz., 60c.



Fragrance. This delightfully fragrant new variety is, in our opinion, superior to all other lavenders. The extra-large, clear lavender self blooms come on long stems. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

GREENADIER. Dazzling scarlet. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

HOPE. The finest black-seeded pure white to date. Flowers of mammoth size. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

NAVY BLUE. A new color in the earlies, and one that has long been wanted. Blooms are rich dark blue with four to a long, strong stem. Vigorous grower. Pkt., 25c; 1/2 oz., 30c; oz., 50c.

Michell's Rose Wonder. Beautiful, clear rose-pink color on a light ground. Pkt. 25c; 1/2 oz., 60c; oz., \$1.00.

SHIRLEY TEMPLE. Brilliant rich rose-pink. Four large flowers on each stem. Pkt., 15c; 1/2 oz., 40c; oz., 60c.

TREASURE ISLAND. Sparkling glowing orange. Very strong growing, throwing a majority of four flowers on 15 to 16-in. stems. Pkt., 25c; 1/2 oz., 40c; oz., 75c.

VALENCIA. A bright orange in color and absolutely sunproof. Stems long. Pkt., 15c; 1/2 oz., 35c; oz., 60c.

MICHELL'S EARLY-FLOWERING SPENCER, MIXED. Pkt., 10c; 1/2 oz., 30c; oz., 50c.

Sweet Williams are a blaze of color in the summer garden

Sweet William (*Dianthus barbatus*)

One of the finest hardy perennial garden plants, and of easy culture, thriving in any good garden soil. They grow about 1½ feet high, forming fine clumps and producing excellent effects in beds and borders.

*Dwarf or Alpine. A fine new strain of excellent dwarf type, most suitable for edging and rock gardens. The flower-heads are very large and the color-range a selection of many bright and dark shades. Pkt., 25c; large pkt., 60c.

Sutton's Giant White. The finest large-flowering pure white Sweet William. Pkt., 25c; large pkt., 60c.

Auricula-flowered. Mixed. A beautiful class of "eyed" single varieties. All colors. Pkt., 10c; large pkt., 40c; oz., \$1.50.

Holborn Glory. Giant-flowered Auricula mixed. Pkt., 15c; large pkt., 40c.

Purple Beauty. Bright deep purple. Pkt. 15c; large pkt., 40c.

Single Crimson. Pkt., 10c; large pkt., 40c; oz., \$1.50.

Single Newport Pink. Salmon-pink. Pkt., 10c; large pkt., 60c.

Single Scarlet Beauty. Deep scarlet. Pkt., 10c; large pkt., 50c.

Single Velvety Maroon. Pkt., 10c; large pkt., 40c; oz., \$1.50.

Single White. Pkt., 10c; large pkt., 40c; oz., \$1.50.

Single, Mixed. All colors. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Double, Mixed. Pkt., 10c; large pkt., 40c; ¼ oz., \$1.00.

Annual Single, Mixed. Pkt., 10c; large pkt., 40c; oz., \$1.25.

Thalictrum - Meadow-Rue

Very graceful perennial plants with finely cut foliage, excellent for the hardy border.

Dipterocarpum. Rosy purple, with yellow anthers. Pkt., 10c; large pkt., 60c.

Thunbergia - Black-Eyed Susan

Mixed. Rapid-growing annual climbers making a pretty vine for trellises, fences, rockwork, etc.; also for window-boxes, hanging-baskets and vases. Pkt., 10c; large pkt., 30c; oz., \$1.25.

Tithonia

Speciosa. Mexican Sunflower. A native of Mexico. Flowers large, orange-scarlet, reminding one of a single zinnia. An excellent cut flower. This variety is late flowering and must be started early. Pkt., 10c; large pkt., 40c.

Torenia

Fournieri grandiflora. Showy annuals, flowering all summer. Fine for vases, hanging-baskets, borders, etc. Flowers sky-blue with yellow centers. 1 ft. Pkt., 10c; large pkt., 60c.

White Wings. Ivory, tinted rose. Pkt., 10c; large pkt., 60c.

Tritoma - Kniphofia (Red-Hot Poker)

Hybrida, Mixed. A free-flowering, hardy perennial with large spikes of flowers. 2 ft. Pkt., 10c; large pkt., 60c.

Venidium

(Monarch of the Veldt)

Fastuosum Hybrids, Mixed. New. Colors range from apricot to deep golden orange. Pkt., 25c; large pkt., 60c.



Viola Cornuta

*Viola

ARKWRIGHT RUBY. Novelty. This new large-flowered variety has beautiful bright rosy crimson blooms with terra-cotta shadings, making it very outstanding, with the added attraction of being very fragrant. Pkt., 25c; large pkt., 75c. (See color plate on back cover.)

ILONA. Rich, light velvety purple, very free flowering. Excellent for borders or planted as a combination with Yellow Perfection. Pkt., 25c; large pkt., 75c. (See color plate on back cover.)

PAPILIO (Butterfly Viola). Light blue and white. Pkt., 25c; large pkt., 50c.

PAPILIO (Butterfly Viola). Deep violet. Pkt., 25c; large pkt., 50c.

YELLOW QUEEN. Another large-flowered type with deep pure yellow flowers coming practically 100 per cent true from seed. Pkt., 25c; large pkt., 75c.

*Viola bosniaca

(Johnny-jump-up)

Free bloomer. Small leaves. Purple flowers. Pkt., 10c; large pkt., 60c.

*Viola cornuta - Tufted Pansies

These resemble pansies in shape and form, and while not quite as large, they bloom more profusely and for a longer time. Seed sown in April produces flowering plants by June. **Admiration.** Dark blue. Pkt., 10c; large pkt., 75c.

Apricot Queen. One of the finest of the Violas. Large, beautiful rich apricot-yellow flowers, tinged orange. Pkt., 25c; large pkt., 75c.

Chantreyland. A fine new Viola in a pure apricot shade. Outstanding in color and free-flowering habit. Pkt., 25c; large pkt., 75c. (See color plate on back cover.)

Perfection. Light blue. Pkt., 10c; large pkt., 60c.

Rose Queen. Compact, dwarf habit. Rosy pink flowers. Ideal for the rock-garden. Pkt., 20c; large pkt., 60c.

White Perfection. Large; white. Pkt., 10c; large pkt., 75c.

Yellow Perfection. Golden yellow. Pkt., 10c; large pkt., 60c. (See color plate on back cover.)

Mixed. All colors. Pkt., 10c; large pkt., 60c.

*Viola - Scotch Bedding Pansies

Mixed. Produces larger flowers than V. cornuta. Pkt., 25c; large pkt., \$1.00.

Wallflower

Half-hardy perennials with deliciously fragrant blooms. They should be protected in a cold frame in winter and planted out in spring. 2 ft.

Double, Mixed. All colors. Pkt., 10c; large pkt., 60c.

Early-flowering Double, Mixed. An extra-early variety, flowering from seed in 90 days. Pkt., 10c; large pkt., 50c.

Gold Standard. Annual. Double, deep golden yellow, very fragrant blooms. The finest variety for forcing. Pkt., 10c; large pkt., 75c.

Paris Extra-Early, Mixed. A single-flowering variety which may be treated as an annual, flowering the first year from seed. 1½ ft. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Single, Mixed. Pkt., 10c; large pkt., 30c; oz., 85c.

Xanthismia texanum

(Star of Texas)

One of the prettiest annuals and deserves to be very popular. The light canary-yellow flowers are single, Daisy-like, with long-pointed petals. Stems are wiry and excellent for cutting. Will do well in dry, open places. Pkt., 25c; large pkt., 60c.

Xeranthemum

See Everlasting Flowers, page 31.

MICHELL'S VERBENAS

Hybrida Grandiflora Giant Varieties

One of the most popular garden annuals for beds and massing, and cannot be excelled for a gorgeous display during the summer months.

ANNAPOOLIS BLUE. Novelty. A real deep Belladonna-blue. For complete description see Novelties page 22. Pkt., 25c; large pkt., 75c.

ROSEGLOW. Novelty. A deep glowing rose shading to orange-scarlet. For complete description see Novelties, page 22. Pkt., 25c; large pkt., 60c.

BRILLIANT. This new Verbena is a rich deep flame-rose with a medium-sized white eye that helps bring out the intense flame color. Pkt., 25c; large pkt., 60c.

CRIMSON GLOW. Novelty. The deepest red shade available in this popular garden flower. A rich, glowing crimson, the flowers are a solid mass of color. Pkt., 15c; large pkt., 60c.

Beauty of Oxford Hybrids, Mixed, Originator's Stock Seed. A fine giant hybrid resulting from a cross between Luminosa and Beauty of Oxford. The color shades from clear rose-pink to rose-red, making this the brightest rose Verbena ever produced from seed. Pkt., 15c; large pkt., 60c.

Etna. The finest and brightest color in Verbenas—an intense geranium-red, with a small yellow eye; very large. Pkt., 15c; large pkt., 60c.

Lavender Glory. A truly magnificent lavender variety of gigantic size. Undoubtedly the most glorious color in Verbenas being a true lavender, with medium-sized creamy white eye. Very fragrant. Pkt., 15c; large pkt., 60c.

Lucifer. Large flowers of an intense deep cardinal-scarlet throughout. Pkt., 15c; large pkt., 50c.



Mammoth Verbena

Luminosa. Gigantic blooms of flame-pink, toning to softer shades of pink and coral. Pkt., 15c; large pkt., 50c.

NEWPORT SALMON. Michell Novelty. An excellent giant-flowering, true salmon-pink with white eye. Extra-large florets. Pkt., 15c; large pkt., 60c.

Rosita. Rich deep royal blue flowers of enormous size, with creamy yellow eye. Pkt., 15c; large pkt., 60c.

ROYAL BOUQUET, MIXED. Upright habit, 15 inches high. Tall, large and erect flowers in brilliant colors. Pkt., 15c; large pkt., 60c.

Dwarf, Erect, Compact Varieties

This group is very neat and compact in habit and continuous bloomer. Well adapted for bedding, borders, and small gardens.

Patriotic Red, White, and Blue Collection

The following three Verbenas, if started early will make a fine red, white and blue color display in the garden.

RED SENTINEL. Novelty. Intense bright red with no eye. For complete description see Novelties, page 22. Pkt., 25c; large pkt., 75c.

WHITE BALL. New. A petite-growing Verbena only 7 inches high with a score or more of stiff, erect branches, each bearing 3 to 5 heads of 2-inch florets. The color is a pure white which gives the plants the appearance of a white ball. Pkt., 25c; large pkt., 75c.

Blue Sentinel. All-America. Rich violet-blue. Pkt., 15c; large pkt., 75c.

COLLECTION

1 pkt. each—3 varieties—50c



Verbena, Roseglow

HYBRIDA GRANDIFLORA GIANT VARIETIES

Carmine Ball. Bright carmine with white eye. Pkt., 15c; large pkt., 60c.

Fireball. Grows about 6 inches high. Covered with brilliant scarlet blooms. Pkt., 15c; large pkt., 60c.

Pastel Shades. An exceptionally beautiful blend of new shades with very large flowers. Pkt., 15c; large pkt., 60c.

Pink and Rose Bouquet. A choice blending of two popular colors. Pkt., 15c; large pkt., 60c.

Violet Bouquet. Deep violet with cream eye. An excellent variety. Pkt., 15c; large pkt., 60c.

Choice Mixed. Pkt., 15c; large pkt., 60c.

Mammoth Fancy Verbenas

This strain produces trusses of large flowers of the most brilliant colors and shades.

Large

Pkt. pkt. Oz.

Golden Queen. Pure yellow. \$0.10 \$0.50 \$2.25

Helen Willmott. Pink10 .50 2.25

Purple Mantle. Purple10 .50 2.25

Blue Shades10 .40 2.00

Pink Shades10 .40 2.00

Scarlet Shades10 .40 2.00

Pure White10 .40 2.00

Yellow Shades10 .40 2.00

Mixed10 .40 1.50

Erinoides. Moss Verbena. Purple blooms. Produces a mass of moss-like foliage, spreading over the ground. For beds, baskets, or rockeries. Pkt., 10c; large pkt., 40c.

Venosa. Hardy Garden Verbena. Heliotrope-blue. Fine for bedding. Pkt., 10c; large pkt., 40c.

TALL PERENNIAL VARIETY

BONARIENSIS. New. Perennial species from Buenos Aires. Plants attain a height of 4 to 5 feet and bear numerous terminal sprays of heliotrope flowers during July and August. Pkt., 25c; large pkt., 75c.



Verbena, Red Sentinel

ZINNIAS

(Youth and Old Age)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders, and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.



GIANT DAHLIA-FLOWERED, ROYAL PURPLE
Honorable Mention, All-America Selections.
For description see Novelties, page 22. Pkt., 25c; large pkt., 60c; 1/4 oz., 90c.

HOWARD'S NEW GIANT CRESTED CHOICE MIXTURE. A cross between the Dahlia-flowered and Scabious-flowered types. Magnificent shades of orange, orange-scarlet, yellow, rose, maize, and crimson. As cut flowers they are without a peer. Pkt., 25c; large pkt., 60c; 1/4 oz., 90c.

Gaillardia-Flowered Novelty

This fine new type of Zinnia has flowers which strongly resemble the double Gaillardia picta. The colors range through the mellow tones of rose, pink, bronze, yellow, orange and lavender. Pkt., 15c; large pkt., 40c; 1/4 oz., 75c.

Scabious-Flowered

CAMPFIRE. Vivid, intense scarlet flowers are carried on strong stems of good length for cutting. The free-blooming plants reach a height of 2 to 2 1/2 feet. Pkt., 25c; large pkt., 60c.

SUNBURST. Early-flowering. Bright pure canary-yellow flowers 1 1/2 to 2 inches across. Plants are 2 to 2 1/2 feet in height. Pkt., 25c; large pkt., 60c.

Autumn Tints, Mixed. The flowers range through all the gorgeous autumn tints, including orange, bronze, russet, dull red, carmine-red, and intermediate shades. Pkt., 15c; large pkt., 60c; 1/4 oz., \$1.00.

Mixed. New. Medium-sized flowers resembling the annual scabiosa. Fine for cutting. Choice mixed colors. Pkt., 15c; large pkt., 50c; 1/4 oz., 75c.

Fantasy or Chrysanthemum-Flowered

ORANGE LADY. A rich shade of deep bright orange. The 2 1/2 to 3-inch flowers are shaggy and gay in appearance. Pkt., 25c; large pkt., 60c.

ROSALIE. The color is a bright, intense rose. Plants are about 2 1/2 to 3 feet in height. Pkt., 25c; large pkt., 60c.

STAR DUST. Novelty, All-America Winner. It has the same shaggy-petaled, medium-sized flowers as the mixture, but the color is a rich deep golden yellow. Plants grow 2 1/2 to 3 feet tall. The type is very free flowering and early blooming. Pkt., 15c; large pkt., 50c; 1/4 oz., 75c.

WILDFIRE. Rich dazzling scarlet. Free blooming, 2 1/2 to 3 feet in height. Pkt., 25c; large pkt., 60c.

MIXED COLORS. (Bodger). Novelty. A new Zinnia, the rounded flowers of which are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized, double flowers. The color-range includes the brightest red and orange, as well as the popular pastel pinks and creams. Pkt., 15c; large pkt., 50c; 1/4 oz., 75c.

Zinnia linearis

A very unusual and interesting new type of Zinnia. 8 to 10 in. Pkt., 15c; large pkt., 60c; 1/4 oz., \$1.00.

California Giant Zinnias

These are larger than the Giant Robusta, and are a cross between them and the Dahlia-flowered. An excellent, long-stemmed type for cutting.

Brightness. Deep rose.

Cerise Queen. Orange-rose.

Daffodil. Canary-yellow.

Enchantress. Bright rose.

Golden Queen. Golden yellow.

Grenadier. Dark red.

Lavender Queen. Rosy lavender.

Miss Willmott. Soft pink.

Orange Queen. Golden orange.

Purity. Best white.

Salmon Queen. Salmon-rose.

Scarlet Queen. Deep scarlet.

Violet Queen. Purple.

Pkt., 10c; large pkt., 40c; oz., \$1.75.

Fine Mixed. Pkt., 10c; large pkt., 40c; oz., \$1.75.

COLLECTION

One pkt. each our selection of 12 colors .. \$1.00

One pkt. each our selection of 6 colors .. .50

Giant Dahlia-Flowered

Plants of vigorous habit, from 2 1/2 to 3 feet high. Mammoth flowers, 4 to 6 inches across and 2 1/2 to 3 inches deep, so closely resembling Decorative Dahlias that when placed by their side it is difficult to distinguish one from the other. This new type is also valuable for growing under glass for cutting.

Buttercup. Immense deep creamy yellow.

Crimson Giant.

Dream. Deep lavender, turning to purple.

Exquisite. Light rose, center deep rose.

Golden Dawn. Bright golden yellow.

Golden State. Orange-yellow.

Luminosa. A new shade of bright pink.

Old Rose.

Oriole. Orange and gold.

Polar Bear. Pure white.

Purple Prince. Large; deep purple.

Scarlet Flame. Scarlet, with blending of orange.

Pkt., 15c; large pkt., 40c; oz., \$1.75

Mixed Colors. Pkt., 10c; large pkt., 40c; oz., \$1.75.

COLLECTION

One pkt. each our selection of 12 colors .. \$1.50

One pkt. each our selection of 6 colors .. .75

One large pkt. each our selection of 12 colors .. 3.75

Desert Gold Zinnia

A large-flowering type in shades of yellow and gold, each petal overlaid at the base with a deeper color; a charming bicolor combination. Pkt., 15c; large pkt., 40c; 1/4 oz., 60c.

Super Crown of Gold Mixture

The flowers are large and each petal is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. This mixture includes all shades of rose, cream, yellow, carmine-pink, red, and lavender. A vigorous grower, reaching a height of 2 1/2 feet. Pkt., 15c; large pkt., 60c; 1/4 oz., \$1.50.

Elegans - Lilliput or Baby

Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers.

BLACK RUBY. Bronze Medal, All-American Selections. Deep velvety maroon. Pkt., 25c; large pkt., 60c; 1/4 oz., 90c.

Pastel Mixture. This new mixture is composed solely of delicate shades not found in the ordinary mixed type. Pkt., 15c; large pkt., 30c; oz., \$1.25.

Canary-Yellow.

Crimson Gem.

Golden Gem.

Purple Gem.

Rosebud.

Salmon-Rose.

Scarlet Gem (Red Riding Hood).

Valencia. A new shade of burnt-orange.

White Gem.

Pkt., 10c; large pkt., 25c; oz., \$1.25

Mixed Colors. Pkt., 10c; large pkt., 25c; oz., \$1.25.

COLLECTION

One pkt. each our selection of 6 colors, 50c

Elegans - Lilliput Tom Thumb

A new, dwarf, compact variety, growing 6 to 10 inches high, in a fine range of bright colors. Excellent for potted plants or borders. Pkt., 15c; large pkt., 50c.

Dwarf Double or Cut-and-Come-Again

Compact bushes not over 2 feet in height. Large, double flowers.

Crimson.

Flesh-Pink.

Pinkie. Deep rose-pink.

Salmon-Rose.

Scarlet.

White.

Yellow.

Pkt., 10c; large pkt., 25c; oz., 85c.

Mixed. Pkt., 10c; large pkt., 25c; oz., 75c.

New Cupid

Small, button-like flowers. Well-formed, very free-flowering plants. 1 ft.

Pixie. Bright yellow.

Tiny Tim. Bright scarlet.

Snow Drop. Pure white.

Pkt., 15c; large pkt., 50c; oz., \$1.75

Fine Mixed. Pkt., 15c; large pkt., 40c; oz., \$1.50.

Haageana - Mexican Hybrids

Mixed. Very popular small-flowering Mexican Zinnias, which have a charm all their own. Excellent for bedding, making a fine display and having long stems. Exceptionally good for house decoration. Pkt., 15c; large pkt., 50c.

Various Zinnias

Pumila, Picotee, Delight. An extra-select variety in light and deep salmon shades. Petals ruffled and curled. Pkt., 15c; large pkt., 50c.

Curled and Crested, Mixed. Petals curiously twisted and curled. A distinct variety in a good range of colors. Pkt., 10c; large pkt., 30c; oz., \$1.00.

Michell's Selected **HAND-PICKED FIELD CORN**

Plant 8 to 10 quarts per acre in hills for shelled Corn or for silo, or sow 1 1/2 to 2 bushels broadcast for fodder.

Our strains of Corn are not the common kinds usually found in abundance on the market. We give very careful attention to selected stock in all lines of farm seeds. This is particularly true of Field Corn where reselection means the limit of crop with little or no increase in cost. Our stock is selected for size of ear and fodder, uniformity of kernel, and the careful finish of the tip and butt, all of which means a considerable increase in production. Field Corn weighs 56 pounds per bushel.

Iowa 939

Maturity 100-105 days.

Approximately ten days earlier than Lancaster County Sure Crop. Adapted to a wide range of conditions. Ears are cylindrical shaped; kernels somewhat rough and soft. Popular with cattle feeders because of non-flinty kernel.

U. S. 13

Maturity 110-115 days.

Matures about nine days later than Lancaster County Sure Crop. Medium rough, deep grains; medium tall stalk. Good silage producer throughout the eastern states. One of the highest yielding of all hybrid varieties for both grain and silage.

Early Leaming

Grain 90 days.

A medium early variety adaptable to most any section. Yellow wedge-shaped grains, medium-sized ear.

Eight-Rowed Yellow Flint

Grain 90 days.

Grows a long ear with exactly eight rows of grain. Thin cob, grain very hard and of a deep golden color.

Eureka Ensilage

Silage 115 days.

While this variety will not mature ears in northern localities, it is of the best ensilage varieties. Grows very tall and leafy, giving heavy tonnage.

Our Eureka is of an extra heavy yielding strain and should not be confused with the ordinary type of this variety.

Price for any of the above varieties of Field Corn, 20c per qt. (by Parcel Post, 30c.)
peck \$1.25; bu. \$3.75.

Michell's High Grade Farm Seeds

SOY BEANS

(Inoculate with LEGUME-AID)

This valuable plant enriches the ground in which it is planted by the free nitrogen gathered by the air which is deposited in the ground by the roots. Sow 1 1/2 bushels per acre alone or 50 pounds, or drills 2 1/2 feet apart during May or June. If wanted for silo it will be ready for harvest about the first of September when the pods will be well filled. 60 pounds per bushel.

Black Wilson. An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high-quality hay. Qt. 20c; pk. \$1.00; bu. \$3.25.

Green Mammoth (Tokio). Late. An extra-large green variety, suitable for edible purposes as well as for hay and siloing. Qt. 20c; pk. \$1.25; bu. \$4.00.

Mammoth Yellow. Late. Qt. 20c; pk. \$1.25; bu. \$4.00.

Manchu. Early variety (110 days) which will make an extra-heavy yield of large yellow beans, high in oil-content. An excellent variety for milling. Qt. 20c; pk. \$1.25; bu. \$4.00.

Mung. Best for sprouting green shoots; excellent in salads. Very popular with the Chinese trade. Lb. 25c; 25 lbs. \$5.00; 100 lbs. \$17.00.

Prices on Farm Seeds in larger quantities than listed will be quoted on application.

Improved Leaming

Silage 95 days—Grain 105 days.

Known for its adaptability to most any soil and climate. Medium-sized ear with grains of rich yellow, wedge shaped.

Lancaster County Sure Crop

Silage 90 days—Grain 100 days.

The most popular variety for silage in Pennsylvania, New York and the New England states. It is adaptable to practically all climatic and soil conditions and will withstand drought. A favorite because it provides plenty of silage with rich feed value. Grows tall, leafy stalks; long ear with thin cob—high in protein, husks easily, shells well, rich yellow.

Reist's Sweepstakes

(Improved West Branch)

Silage 90 days—Grain 95 days.

A mixed color corn, some grains are yellow with touches of red, while others are red with pale caps. Large ear with wide grains. More tons per acre for the silo.

White Cap Yellow Dent

Silage 105 days—Grain 115 days.

Developed here in Lancaster County. Large ear, red cob, cap of grain white, lower part light yellow. An excellent producer of rich silage in New York state. A good yielder of corn, which matures a bit earlier than most of the Dent varieties.

Reid's Yellow Dent

Silage 105 days—Grain 120 days.

Often called Golden Yellow Dent and classed as a medium seasoned corn. Large broad heavy ears—an extra good shelter.

BARLEY

(Treat with CERESAN)

The straw is good for green feed or when cured as hay, and the grain in the hull is excellent poultry feed. If wanted for hay it should be cut while the grain-head is in a soft or milky condition. Sow broadcast 1 1/2 to 2 bushels per acre, from April to July 1, 48 pounds per bushel. Makes an ideal nurse crop for spring-sown alfalfa. Frequently yields 50 bushels per acre. Qt. 20c; pk. \$1.25; bu. \$3.25.

Stanley's Crow Repellent

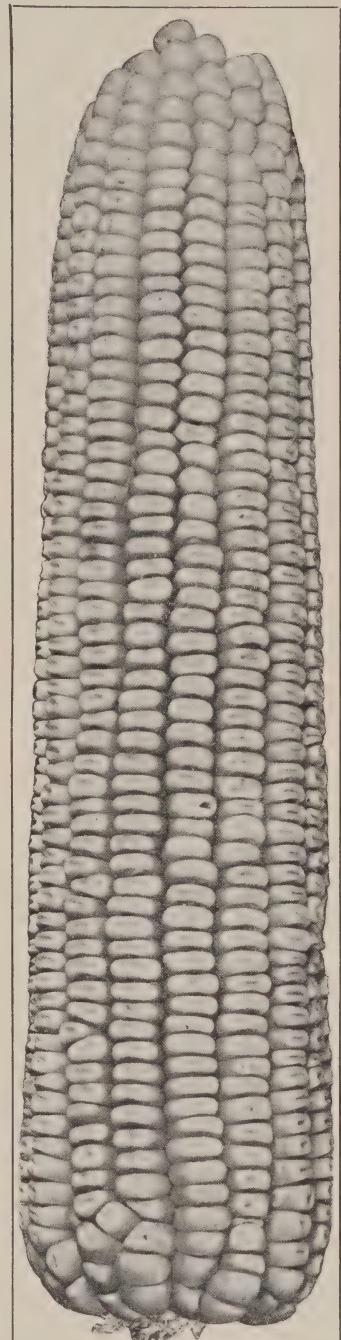
Protects your crop against crows, pheasants, blackbirds, etc. Also protects seed from rotting in the ground. Non-poisonous. 1/2 pt. 60c; pt. \$1.00; qt. \$1.75. One pint is sufficient for two bushels of Seed Corn.

All prices subject to market changes.

BROOM CORN

Sow in May, about 10 pounds per acre, in drills 3 feet apart. Plants should be thinned out to stand 3 inches apart in the row.

Evergreen. Produces extremely straight brush retaining its green color well after ripening. Yields 1000 pounds of salable brush per acre. 50 pounds per bushel. Lb. 30c; 10 lbs. \$2.50.



BUCKWHEAT

In the locality of Philadelphia this is sown every time from June 1 to July 15, one bushel broadcast to the acre. Makes a very fine quality of flour and is also largely used for poultry feed. Frequently yields 80 bushels to the acre. 48 pounds per bushel. Lb. 20c.

RECLEANED CLOVERS

Clovers weigh 60 pounds per bushel. **Alfalfa, Common** (*Medicago sativa*). Non-irrigated Northwestern-grown seed. Sow during April through August and September. 25 pounds per acre, preferably with no other crop. Lb. 55c.

Alfalfa, Grimm. An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. Sow 15 to 20 pounds per acre. Lb. 60c.

Alsike or Swedish Clover (*Trifolium hybridum*). One of the hardest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone. Lb. 40c.

Crimson Clover (*Trifolium incarnatum*). Used principally for soilings or green manuring. It is not hardy for more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre. Lb. 25c.

Mammoth Red Clover (*Trifolium pratense*) perennial. Domestic origin. This differs from the Medium bedded or rockery growth and yielding more fodder per acre. Sow early in spring or in July and August, using 15 pounds per acre alone, or with other crops, 10 pounds per acre. Lb. 40c.

Medium Red Clover (*Trifolium pratense*). We offer adapted seed of domestic origin only. Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August; if alone, 20 pounds per acre; if with other crops, 10 pounds per acre. Lb. 40c.

Lespedeza. A substitute for alfalfa on poor land in the South, but has been grown successfully in the latitude of Philadelphia. Sow in spring after frost, at the rate of 25 to 35 pounds per acre. Weights 25 pounds per bushel. Lb. 25c.

Sweet or Bohemian Clover (*Mellilotus alba*). Used either as a feed-crop or as green manure, to allow under. Grows 3 to 5 feet high, thrives on almost any soil. Sow 15 pounds per acre during spring and fall. Lb. 25c.

White Dutch Clover (*Trifolium repens*). Choice reclamed seed. Sow 10 to 12 pounds per acre if alone, or 5 pounds if sown on old turf or with other crops. Oz. 10c; 1/4 lb. 35c; 1/2 lb. 65c; lb. \$1.25; 5 lbs. \$5.75; 10 lbs. \$1.00; 25 lbs. \$25.50; 100 lbs. \$100.00.

To produce best results all Clover Seeds, Field Peas, and Cowpeas should be inoculated with LEGUME-AID. See page 91.

LADINO WHITE CLOVER

Sow it for a year round pasture. U. S. Department of Agriculture says: "Ladino is the largest growing form of white clover. It is similar to White Dutch but grows about twice as large. Introduced from South Europe. Many farmers cut it for hay in the summer and graze it the rest of the year."

It is a long lived perennial. Its tap root goes down one to three feet. The stems run on the ground, taking root. One plant covers two feet. A sparse stand soon thickens into a dense even growth. The leaf parts available to grazing are the highly nutritious leaves and flowers which rise 12 to 20 inches in great profusion from the numerous joints.

It grows on any soils, even shallow hardpans, but does best on loam or clay where moisture is plentiful. The seed is so small it requires a firm hard seedbed, planted shallow and covered very lightly. Our seed is scarified, germinates over 90 per cent, requiring one-half as much per acre. Inoculate and sow in spring or fall, 5 lbs. per acre alone, or 3 lbs. in mixtures. Don't pasture until plants spread and start sending up shoots from the joints. Lb. 1.50.

Wild White Clover. This Clover is suited for soils below the fertility standard and provides a most effective and economical source of nitrogen. It is perfectly hardy. Sow from 1 to 3 pounds per acre in mixture, preferably in the early spring. 1/4 lb. 75c; lb. \$2.50; 5 lbs. \$10.00; 10 lbs. \$17.50.

Yellow Trefoil (*Medicago lupulina*). Also known as Yellow Clover. Recommended for use in permanent pastures because of its ability to furnish pasture during the spring months. Lb. 35c.

CANADA FIELD PEAS

These are used for various purposes, chief among them being a very early green feed; when used this way they are sown with oats about April 1, at the rate of 1 1/2 bushels of Peas and 1 1/2 bushels of Oats to the acre, either drilled or broadcast. Peas may also be sown alone at the rate of 3 bushels per acre and furnish excellent hay. 60 pounds per bushel. Qt. 25c.

CORN, WHITE KAFFIR (For Seed)

The grain is used for feeding poultry and the fodder for cattle. Grows from 4 to 6 feet high, the grain being produced on the top of stalk in the shape of a brush. It usually ripens after the first few frosts and produces enormous crops. Can be sown as late as July at the rate of 10 pounds per acre in drills. 56 pounds per bushel. Lb. 20c.

COWPEAS

They provide the most inexpensive method of bringing soil back to a stage of fertility, as they grow in the poorest kind of soil, leaving it very rich in ammonia. In the latitude of Philadelphia, sow from May 1 to July 1, two bushels per acre broadcast, or one bushel per acre in drills. For a large crop, sow the seed as late as possible. 60 pounds per bushel.

New Era. A small, upright-growing, very prolific variety of early maturity. Qt. 20c.

Whippoorwill. Medium early, upright-growing variety more extensively used than any other. Qt. 20c.

FLAX

This is grown for the fibre from which linen thread is made and also for the seed which is used in the manufacture of linseed oil. If grown for seed, sow 1 bushel to the acre from May 15 to June 15. If desired for the fibre, sow 1 1/2 to 2 bushels per acre. 56 pounds per bushel. Lb. 25c.

MANGEL-WURZEL

Sow 5 pounds per acre in April and May in thoroughly plowed, well-manured soil, in drills about 2 feet apart. Thin out to 1 foot apart in the row.

Golden Tankard. Pkt. 10c; oz. 25c; 1/4 lb. \$1.25.

Lang's Improved White Sugar. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1/2 lb. \$1.25.

Mammoth Long Red. Pkt. 10c; oz. 30c; 1/4 lb. \$1.00; 1/2 lb. \$1.75.

See also page 5.

MILLET

Can be sown as late as July 15. Also desirable for green manuring, when it should be turned under when about 10 inches high. Makes an excellent green food for stock. If used for hay it should be cut just as it matures.

Hungarian. The seed produces hay that is not as fine in quality as Tennessee Golden and fully a foot less in height. It can, however, be sown some 2 weeks later. Sow 1 bushel per acre. 48 pounds per bushel. Lb. 20c.

Barnyard. Frequently as high as 12 tons of green feed have been obtained from an acre. If sown early in May, it may be cut twice in one season. Sow 12 pounds per acre broadcast, any time from May 1 to June 15. 35 pounds per bushel. Lb. 20c.

Tennessee Golden. This requires a longer season to mature than the other sorts. It produces a very fine quality of hay and makes a larger seed-head. Sow 1 bushel broadcast to the acre from April 10 to July 10. 50 pounds per bushel. Lb. 20c.

SEED OATS

They are large, plump, free from weed seeds or other foreign substance, and of high vitality. Sow at the rate of 2 1/2 to 3 bushels per acre alone or 1 1/2 bushels with peas during April for best results. 32 pounds per bushel.

Swedish or Washington. The long, erect straw is noted for its ability to stand up in rough weather. Grains are very plump and nearly pure white. Qt. 20c.

Treat your Seed Oats with Ceresan to control Oat smut and increase yield.
See page 88.

RAPE

Dwarf Essex. This can be pastured 8 weeks after sowing. It must be sown in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1 to October 1. It produces enormous crops and is an ideal green manure. 50 pounds per bushel. Lb. 35c; 10 lbs. \$3.00.

Two-bushel seamless sacks, used in shipping farm seeds, in one-bushel lots and over, are charged for at 25c each; returnable at price charged if in good condition and prepaid.

ALL PRICES SUBJECT TO MARKET CHANGES
See page 1 for parcel post rates.

RYE (For Seeding)

Spring. An excellent early green feed, or for pasture. The grain is used for feeding and other purposes, while the straw is of very fine quality, making a larger yield than Winter Rye. Sow from May 1 to June 1, 1 1/2 bushels to the acre. 56 pounds per bushel. Lb. 20c; pk. 90c; bu. \$3.00.

Rosen Winter. Winter Rye will not mature if sown in spring. Qt. 20c.

SUGAR-CANE - SORGHUM

Early Amber. The seed can be threshed out of the stalks and used as poultry feed. A tremendous producer, often growing 12 feet high. It stands hot, dry weather and can be cut several times in one season. Sow 25 pounds of seed to the acre in drills 3 1/2 feet apart; 1 to 2 bushels broadcast. 50 pounds per bushel. Qt. 25c.

SUNFLOWER

Mammoth Russian. This makes an excellent poultry feed for winter use, on account of its heating and fattening qualities. Will yield as high as 60 bushels per acre. Sow 10 quarts per acre, in drills 3 feet apart, dropping the seed about every 4 inches. Lb. 25c; 3 lbs. 65c; 5 lbs. \$1.00; 10 lbs. \$1.75; 25 lbs. \$3.75.

SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 40 pounds per bushel. Lb. 25c.

TIMOTHY

Our stock of this important hay-producing seed is especially fine, being thoroughly re-cleaned, and free from weeds. If sown alone it requires 25 pounds to seed an acre; if sown with wheat, 12 to 15 pounds are the usual quantities. 45 pounds per bushel. Lb. 25c; 10 lbs. \$1.50; bu. \$4.75.

VETCHES - TARES

Inoculated with Legume-Aid.

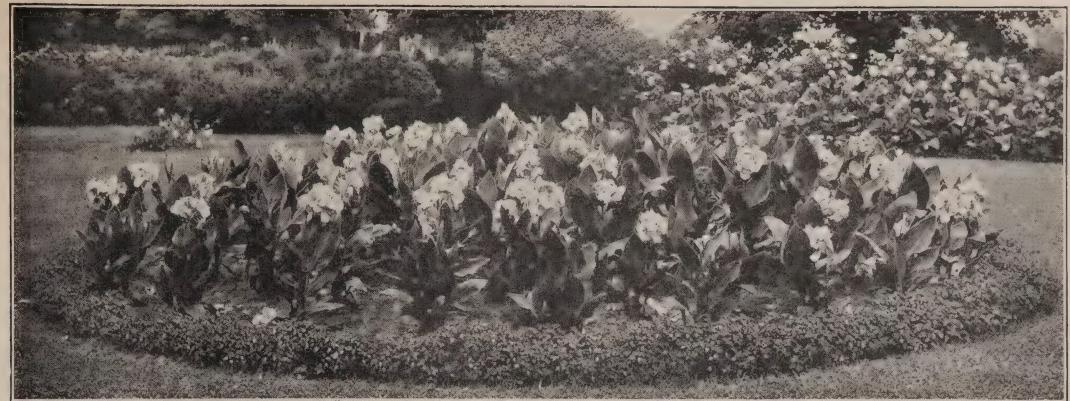
Winter. (*Vicia villosa*). Sometimes called Sand or Hairy Vetch. Our stock of this is the true type, which will absolutely live throughout the winter. Sow broadcast from August 1 to October 1 at the rate of 1 bushel per acre, to which we suggest adding a bushel of winter rye or wheat. In the spring it can be plowed under as green manure, or when in flower cut for hay. 60 pounds per bushel. Lb. 50c.

Spring (*Vicia sativa*). The seed of this is larger than Winter Vetch and of a brownish gray color. It is not hardy and must therefore be sown in the spring, during May or June, at 1 bushel per acre, if broadcast, and 1 bushel per acre in drills, with either spring wheat, spring rye or oats, for support. Has the same desirable features as the Winter Vetch. 60 pounds per bushel. Lb. 25c.

SPRING WHEAT

Marquis. A favorite sort in this locality and is used on account of its prolific, vigorous growth and early qualities. It often produces 50 bushels per acre. Sow in April or May, 1 1/2 to 2 bushels per acre, broadcast or in drills. 60 pounds per bushel. Qt. 25c.

HENRY F. MICHELL CO.



MICHELL'S LARGE FLOWERING CANNAS

Cannas can be used for both bedding and border planting, producing effective results and blooming from early summer until frost. The heights given are as they average in the nurseries; this may vary, depending upon soil, weather and climatic conditions.

Ambassador. Brilliant cherry-red flowers. Bronze foliage. 3½ ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

City of Portland. A glowing pink. Foliage green. 3½ feet. Roots, 3, 25c; doz., 90c; 100, \$6.00.

Eureka. The best white variety. Free bloomer. Green foliage. 4 ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

Hungarian. Plant dwarf and compact. Flowers rich peach-blossom-pink. Foliage green and very massive. 3½ ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

Prices of Canna Plants. If plants are wanted, they are ready about May 10, and will be supplied at the following prices: 3, \$1.15; doz., \$4.00; 25, \$7.50. Please specify if roots or plants are wanted.

King Humbert. Its majestic growth is enhanced by its massive trusses of coppery scarlet flowers. Foliage is deep bronze. 4½ ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

Richard Wallace. Large, showy, pure canary-yellow flowers. Green foliage. 4½ ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

The President. Rich glowing scarlet. Green foliage. 4 ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

Yellow King Humbert (Queen Helen). Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. Green foliage. 4½ ft. Roots, 3, 25c; doz., 90c; 100, \$6.00.

Mixed Cannas. All colors. Roots, 3, 20c; doz., 75c; 100, \$5.00.

Michell's HARDY GARDEN LILIES

A garden is not complete without a planting of Hardy Lilies. They do exceedingly well in the herbaceous border. The varieties listed can be planted in the early spring months, and it is recommended that they be planted among hardy perennials, as the shade from the surrounding plants is necessary for their welfare.

Cultural Directions. All Hardy Lilies should be planted from 6 to 10 inches deep. The bulbs should be completely enveloped in sand and no manure should come in contact with them, but may be placed 4 to 6 inches underneath. All loose-petaled bulbs should be planted on their sides instead of upright. Cover with leaves or litter during winter.

Miscellaneous Lilies

Canadense. Canadian Bellflower Lily. Bright yellow flowers, spotted black inside. 3 to 5 ft. June, July. Each, 35c; doz., \$3.50; 100, \$25.00.

***Elegans, Mixed.** Shades of orange. 2 ft. June, July. Each, 30c; doz., \$3.00; 100, \$22.50.

Henry. Yellow Speciosum Lily. Distinct orange-yellow flowers in great profusion. Tall grower, often 7 feet. July, August. Each, 40c; doz., \$4.50; 100, \$35.00.

Pardalinum. Sunset Lily. A California variety bearing 12 to 20 strongly recurved flowers of bright orange, spotted dark crimson. Moisture-loving, and does exceptionally well where lime is not prevalent. Base-rooting; plant 5 inches deep. Each, 40c; doz., \$4.00; 100, \$30.00.

Superbum. Turk's-Cap Lily. Grows from 4 to 5 feet high and produces from 15 to 25 orange-red flowers on a stalk. August. Each, 40c; doz., \$4.00; 100, \$30.00.

***Tenuifolium.** Coral Lily. A very graceful, dwarf lily with thread-like leaves and clusters of tiny, bell-like, recurved flowers of brilliant coral-red. 1½ ft. June. Each, 25c; doz., \$2.50; 100, \$20.00.

***Umbellatum.** Orange-scarlet. 2 ft. June. Selected. Each, 40c; doz., \$4.00; 100, \$30.00. Extra large. Each, 75c; doz., \$8.00.

The varieties marked * are excellent for the rockery.

Regal Lily - *Lilium regale*

One of the finest garden Lilies introduced. On sturdy stems, 3 to 5 feet high, are produced an abundance of large, beautiful flowers, the centers of which are flushed bright golden yellow, shading off to creamy white at outer edges. Externally the flowers are streaked with brown, shaded a delightful pearly tint. Should be planted in fall or early spring, 8 to 9 inches deep. Commences flowering in July. This variety has also been used for forcing with very good results.

Mammoth. Each, 40c; doz., \$4.50; 100, \$30.00.

Monster. Each, 50c; doz., \$5.00; 100, \$35.00.

Jumbo. Each, 65c; doz., \$7.00; 100, \$55.00.

Extra Large. Each, 75c; doz., \$8.00; 100, \$60.00.

Lily-of-the-Valley Pips

Bundles. For outdoor planting only. Bundles contain 25 good sized pips, with good root growth, all of which will flower with the proper care. The best of the stock is being selected for us. We can make shipment of these up to April 1st. Bundles of 25 pips, \$1.00; doz. bundles, \$10.00.



Regal Lily

MICHELL'S GORGEOUS GLADIOLUS

There is no other summer-flowering bulb that is enjoying so great popularity as the Gladiolus. Their adaptability to garden decoration or to use as cut flowers during the summer and early autumn is surpassed by no other flower. They are not only showy in the garden, but when cut with the first flower open will last for ten days in the house. While they thrive in almost any good garden soil, better results may be had if soil is well prepared and enriched with some of our pulverized manures. Great improvements have been made in the size, color, and beauty of these flowers. Our list comprises the best of recent introductions as well as the most popular of the standard varieties. Plant bulbs 4 inches deep and from 4 to 6 inches apart.

Michell's Special Gladiolus Bulbs

Maid of Orleans. Creamy white. Doz., 75c; 100, \$5.00.

Dream of Beauty. Wine-red. Doz., 75c; 100, \$5.00.

Gate of Heaven. Deep yellow. Doz., 75c; 100, \$5.00.

Pelegrina. Violet-blue. Doz., 75c; 100, \$5.00.

Picardy. Flesh-pink. Doz., 75c; 100, \$5.00.

Special Collections

20 each of above 5 varieties (100 bulbs), \$4.50.

10 each of above 5 varieties (50 bulbs), \$2.35

5 each of above 5 varieties (25 bulbs), \$1.25.

Pink Shades

Bagdad. Delicate smoky old rose, deepening toward edges of petals, with lighter throat; large, wide-open flowers. Doz., 60c; 100, \$4.00.

Break of Day. La-France-pink, penciled on scarlet. Doz., 60c; 100, \$4.00.

Debonair. La-France-pink, shading to shrimp-pink toward the center, with creamy throat. Doz., 60c; 100, \$4.00.

Giant Nymph. Large, light pink flowers, suffused with cream-yellow, on strong spikes. Doz., 50c; 100, \$3.50.

Mr. W. H. Phipps. La-France-pink, overlaid light rose-salmon. Doz., 60c; 100, \$4.00.

Mrs. Frank Pendleton. Flowers very large, lovely flushed salmon-pink, carmine blotches in throat. Doz., 60c; 100, \$4.00.

We shall be pleased to supply any varieties of Gladiolus not listed. Send us a list of your requirements.

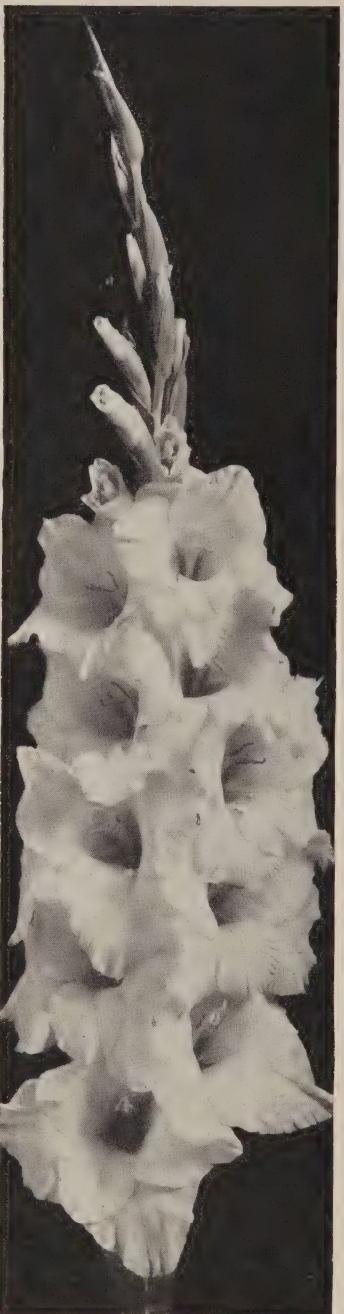
Mrs. P. W. Sisson. Large, cameo-pink flowers with carmine blotch well placed. Doz., 60c; 100, \$4.00.

Peggy Lou. A very large flower of soft light rose. Tall stems with many florets open at once. Doz., \$1.25; 100, \$8.00.

Picardy. It makes tall growth and bears unusual spikes of beautiful flesh-pink florets, shading to soft shrimp-pink toward the edges of the petals. Doz., 75c; 100, \$5.00.

Rose van Lima. A pure clear pink with no shade of salmon as most pink Glads have. Doz., \$1.25; 100, \$8.00.

When cutting Gladiolus for the house, they should be cut as soon as the first one or two lower flowers are open; the remainder will open. Remove the flowers as they fade, cut off a little of the stem, and change the water every day to prolong the blooming period.



Gladiolus, Picardy

Blue, Lilac and Purple Shades

Anna Eberius. Color rich velvety purple, with a deep purplish red blotch on the lower petals. Doz., 75c; 100, \$5.00.

Ave Maria. Glowing lilac-blue, each flower marked with a small purple blotch. Doz., 90c; 100, \$6.00.

Betty Snow. Large pinkish lavender flowers. Doz., 60c; 100, \$4.00.

Charles Dickens. Large violet-red blooms, with darker blotches; 10 to 12 flowers open at one time. Doz., 75c; 100, \$5.00.

Max Reger. Light lavender-blue with darker throat-markings ending in sharp, white points, giving it a resemblance to a blue butterfly. Doz., \$1.00; 100, \$7.00.

Minuet. Light lavender with 4 to 6 large, heavy blooms open at one time. Doz., 75c; 100, \$5.00.

Mother Machree. Color a smoky lavender overlaid toward the edge with salmon-pink. Doz., 90c; 100, \$6.00.

Pelegrina. It has a most unusual flower and especially good all-round habits for a blue. Doz., 75c; 100, \$5.00.

Yellow Shades

Duna. Soft light pinky buff, shading to pale yellow toward the center; back of petals a brighter shade. Doz., 60c; 100, \$4.00.

Gate of Heaven. Pure deep yellow; flowers large, heavily ruffled. Doz., 75c; 100, \$5.00.

Golden Dream. This is a *Primulinus* Hybrid having intense daffodil-yellow flowers with delicate pink markings on the lower petals of each flower. Doz., 60c; 100, \$4.00.

Primrose Princess. Large; light yellow, carmine markings. Doz., 60c; 100, \$4.00.

Shirley Temple. Light cream, with a rich creamy yellow throat; large, ruffled, 6-inch florets with as many as 8 to 10 open at one time. Doz., 90c; 100, \$6.00.

White Shades

Albatross. Immense, pure white blooms of unusual substance. Doz., 75c; 100, \$5.00.

Helen Wills. A large creamy white flower resembling *Maid of Orleans*. Doz., 60c; 100, \$4.00.

Maid of Orleans. Best described as creamy white. Doz., 75c; 100, \$5.00.

Polar Ice. Pure white without markings. Early flowering, with 6 to 8 well-placed blooms at one time. Doz., 90c; 100, \$6.00.

Star of Bethlehem. Immense pure white blooms. A lovely flower with a large number of florets of good substance open at one time. Doz., 90c; 100, \$6.00.

Red and Scarlet Shades

Beacon. Salmon-red with large cream blotches; flowers large and slightly ruffled. Long, strong stems. Doz., \$1.25; 100, \$8.00.

Commander Koehl. Flowers large, on tall stems, brilliant scarlet-blood-red. Grows well under all weather conditions. Doz., 75c; 100, \$5.00.

Dr. F. E. Bennett. Peach-red, overlaid flame color, throat finely stippled ruby and white. Doz., 75c; 100, \$5.00.

Dream of Beauty. A rosy purplish red (deep wine color) of great beauty. Doz., 75c; 100, \$5.00.

Flaming Sword. Very early. Bright scarlet-red. Doz., 50c; 100, \$3.50.

Red Phipps. A shade of light red. Growth is medium tall and produces long spikes of large florets. Doz., 75c; 100, \$5.00.

Virginia (Scarlet Princeps). Intense scarlet, slightly deeper in throat. Doz., 60c; 100, \$4.00.

Mixtures of Gladiolus

Michell's Giant Exhibition. Every bulb for this mixture has been selected with the utmost care for coloring and size of flowers.

First-size bulbs. Doz., 50c; 100, \$3.00; 1000, \$25.00.

Second-size bulbs. Doz., 40c; 100, \$2.00; 1000, \$18.00.

HENRY F. MICHELL CO.



Michell's Meritorious Dahlias

Time of Shipment. Unless specially requested, tubers will be shipped March 15th to June 1st; plants May 15th to June 15th.

Culture. Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1st. Spade or plow the soil 1 to 1½ feet deep; fertilize with well-rotted stable manure or Hyper-Humus; scatter about ¼ pound of bone meal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound bone meal to each plant and work in thoroughly; sheep manure or potato fertilizer can be substituted for bone meal at this time to good advantage.

How to Keep Dahlia Tubers After They Are Shipped to You If Too Early to Plant

Open package and allow tubers to remain in packing material. Do not expose to air or moisture too much; keep in a cool place, but not where they will freeze.

New and Recent Introductions

ID., Informal Decorative; FD., Formal Decorative; MC., Miniature Cactus; MFD., Miniature Decorative; MID., Miniature Informal Decorative; MSC., Miniature Semi-Cactus; MP., Miniature Pompon; SC., Semi-Cactus; S., Single; C., Cactus; IC., Incurved Cactus; Col., Collarette; O-Fl., Orchid-flowered.

American Victory. FD. Rich oxblood-red. A solid color extending through the petals; stands the sun without shading. Dark green foliage and strong, well proportioned stems. Roots, \$1.50. Plants, 50c.

De Molay. (Dahliadel.) FD. A velvety crimson-red Formal Decorative with blooms 9 by 5 inches. A strong, rugged grower that does well in ordinary culture. Roots, \$3.00. Plants, \$1.50.

Indian Summer. SC. Golden yellow with soft orange suffusion. Bush tall and rugged with excellent foliage. Roots, \$7.50. Plants, \$2.50.

King David. (Corbett-Dahliadel.) A stunning 9 by 5-inch formal of regal color. Rich deep purple, inclined to violet-purple, which does not fade. Grows about 4½ feet with plenty of stem for cutting. Roots, \$6.00. Plants, \$2.00.

Maffie. (Exnar-Johnson.) SC. Bush 6 ft. Blooms 13 by 8 inches. Its lively carmine flowers were head and shoulders above the rest in a big seedling class at Camden. Roots, \$3.00. Plants, \$1.00.

Maryland Perfection. FD. Uniform clear light violet-purple. Stem strong, erect and long. Excellent foliage. Petals firm. A profuse bloomer. Originator's stock. Size when disbudded is 6 inches; depth 4 inches. Roots, \$1.00.

Mozart. (Dahliadel.) The long-looked-for true Dahlia in white. Sturdy growth; strong, erect stems. Holds good centers until frost. Grows naturally 4½ by 3 inches on bushes about 3½ feet tall. Roots, \$3.00; Plants, \$1.00.

Peach Dawn. (Dudley-Dahliadel.) A unique form and most pleasing Semi-Cactus of rosy flesh suffused soft rose, giving the effect of soft salmon-pink. Flowers of useful size 8 by 5 inches on strong stems. Roots, \$6.00. Plants, \$2.00.

Pink Elephant. (Giffin-Dahliadel.) ID. Deep rose-pink Informal Decorative. Brighter than Kathleen Norris, and blooms grow 12 by 7 inches in field culture, and plenty of them. Roots, \$7.50. Plants, \$2.50.

Special Introductory Collection

\$12.00

(1) Each of the Following (3) Named Varieties:

Indian Summer. Orange-buff	\$ 7.50
King David. Deep purple.....	6.00
Whirlaway. Soft lemon-yellow.....	6.00
Value	\$19.50

Pink Profusion. (Cordes-Dahliadel.) FD. This Formal of intense salmon-pink, edged deep rose-pink, develops a cream center as it fully opens. Perfect centers, sturdy growth, and glossy dark foliage. Roots, \$6.00. Plants, \$2.00.

Rhythm. (C. (Dozier-Dahliadel.) This 8-inch Incurved Cactus is an exquisite beauty with its attractive double serrated tips. The cameo or shrimp-pink color with suffusions of soft rose and lemon shadings at the base of the petals and center of the flower make it most unusual. Roots, \$15.00. Plants, \$7.50.

Snowcrest. (Alexander-Dahliadel.) IC. A medium-sized white Incurved Cactus. Winner of the Leonard Barron Memorial Trophy at the World's Fair as best undisseminated Dahlia under 8 inches. Roots, \$3.00. Plants, \$1.00.

Sparkle Collarette. (Dahliadel.) Good pure white that will bloom throughout the season without burning. Grows 2½ ft., producing long, straight stems for cutting. A shapely bush for border planting. Roots, \$3.00. Plants, \$1.50.

Whirlaway. ID. (Pittman-Dahliadel.) Clear shade of soft lemon-yellow inclined to sulphur-yellow with rich green, glossy, holly-like foliage. Roots, \$6.00. Plants, \$2.00.

Winter Morn. (Dahliadel.) C. A new white sport of Frau Ida Mansfield, 7½ by 4 inches. An unusual keeper for a Cactus Dahlia. A deep flower most appealing in form. Roots, \$5.00. Plants, \$2.00.

Dahlias are always popular and here are the leading varieties



New Dwarf Dahlia, Gertrude

New Dwarf Dahlias for the Garden

This new race of Dahlias has created quite a sensation. They are wonderfully apt subjects for garden planting, forming dwarf, compact plants which bloom throughout the summer until frost. The flowers are seldom over 4 inches in diameter and are produced in great profusion. We offer green plants of these, ready in May, from 3-inch pots.

Gerda. Very double, 5- to 6-inch, lilac-rose flowers are freely produced throughout the summer and fall on vigorous, healthy plants.

Gertrude. Compact plants bearing a great profusion of clear sulphur-yellow very compact flowers of good size.

Kate. Showy bright scarlet flowers of formal contour. A charming variety.

Maria. (Improved Easter Greeting.) White flowers somewhat larger and of better form than Christine, but not as early.

Rosalie. Lilac-rose blooms, shading lighter towards center. Plants only. Ready after May 1.

Ursula. Intense crimson Informal Decorative of an intense rich crimson with carmine reverse.

Any of the above, roots, each 50c; 3 for \$1.35; doz. \$5.00.

Decorative Types

D., Decorative; ID., Informal Decorative; FD., Formal Decorative.

Adirondack Sunset. ID. Scarlet-red with golden tips and reverse; center golden orange. Roots, each 50c.

America's Beauty. ID. Often attains a size of 4 foot across. Color pure yellow without any shadings. Roots, each 75c.

Asbury Park. FD. Massive blooms on stiff stems, well above foliage; copper-salmon or old rose, of one entire shade throughout the flower. Roots, each 50c.

Blue River. FD. A very large flower of bluish mauve. Strong stems and healthy bush. Roots, each 50c.

Bonny Bright. FD. This beautiful new Dahlia is a lovely old rose color. The bushes average 3 feet in height and produce an abundance of blooms. One of the first to bloom and continues until frost. Roots, each 50c.

California Idol. ID. A clear, bright self colored yellow that ranks in size with the largest. It may be grown to measure 14 inches or more across. Roots, each 50c.

Caruso. ID. True coral-pink, deepening toward center; petals overlaid with glistening golden sheen, reverse deep rose-pink. Roots, each 35c.

Cavalcade. FD. In form and bush growth it is similar to Jersey's Beauty, but larger and several shades darker—rich deep rose with tones of rosy magenta. Roots, each 35c.

Chautauqua Salute. ID. Very attractive shade of pure white. Roots, each 50c.

Cherokee Brave. ID. Oxblood-red that holds its color in the sun. Blooms of great depth and measure 10 to 12 inches across. Roots, each \$1.50.

Dorothy Stone. ID. Huge, true deep pink blooms with very full center and thick petals evenly placed. Roots, each 35c.

Dwight W. Morrow. ID. Rich deep carmine-red. Roots, each 75c.

Eastern Star. FD. Saffron-yellow blooms, with old gold shadings, good keeping quality, full centers. Roots, each 35c.

Forest Fire. ID. Flowers of an artistic form, lemon-yellow at base of petals, heavily tipped rich scarlet and enhanced with yellow petioids. Roots, each 50c.

Fort Monmouth. ID. Giant, well formed flowers of rich crimson-maroon, shading to bluish violet at tips. Roots, each 50c.

Francis Larocca. FD. Pale sulphur-yellow, very satisfactory as a cut flower. Blooms profusely on good stems. Vigorous grower. Roots, each 25c.

Golden Bounty. FD. An outstanding Formal Decorative variety of a rich lemon-yellow. Blooms are so deep and complete they are almost identical in effect with huge yellow chrysanthemums. Roots, each 50c.

Great Eastern. ID. A large flower of orange and reddish bronze—a beautiful combination of autumn shades. Dark foliage. Roots, each 50c.

Gallant Fox. An outstanding luminous dark red. Sturdy stem, fine color and good keeping qualities. Roots, each 35c.

Jane Cowell. ID. Massive blooms of bronzy buff and old gold, blending darker. Roots, each 35c.

Jean Kerr. FD. A fine white Dahlia of medium size. Roots, each 25c.

Jersey's Beauty. FD. Blooms high above the foliage on strong stems; flowers are immense, glowing pink. Roots, each 35c.

Jimmie Foxx. ID. Immense exhibition blooms of coppered, shaded with henna. Strong plants producing flowers on straight stems, well above the foliage. Roots, each 75c.

Josephine G. ID. A pleasing true pink of a bright shade, slightly veined and tipped yellow. Sturdy bush, with flowers held well above the dense foliage. Roots, each 35c.

Kathleen Norris. ID. True rose-pink, deepening to mallow-pink, tight center. Roots, each 50c.

Kemp's Violet Wonder. ID. Large, well formed bright violet-purple flowers. Roots, each 35c.

Kentucky. ID. Pure salmon-pink, similar in habit and form to Jersey's Beauty. Roots, each 35c.

Kentucky Red. FD. One of the brightest reds—a flaming scarlet. Roots, each 35c.

Kentucky Sportsman. Bicolor of lemon-yellow at center, outer petals rich golden amber with old rose reverse, each petal evenly tipped pure white. Roots, each 75c.

Lord of Autumn. ID. Flowers rich, deep golden yellow, with coloration as wonderful as the size. Roots, each 75c.

Maryland Glory. FD. Perfect blooms of Tyrian rose, shaded crimson-carmine, are borne in profusion on good stems. Roots, each 35c.

Mid-West Champion. FD. Bloom 10 by 6 inches, brilliant violet-rose with yellow shadings at base of petals. Grows 4 feet high. Roots, each 50c.

Milton J. Cross. ID. Beautiful apricot-peach, with bright golden face. Flowers of enormous size, measuring 12 inches across and 8 inches in depth, are held well above the foliage on long, straight, stiff stems. Roots, each 50c.

Monarch of the East. FD. A giant Dahlia, 11 by 5 inches, which is a strong contestant for the largest bloom class. Color is a light, rich cadmium-yellow, with a reverse of red. Roots, each 75c.

Mother Maytrott. ID. A fitting name for such an outstanding and artistic white Informal Decorative variety. Flowers 10 to 11 inches across and 6 to 7 inches deep; hold perfect centers throughout the season. Roots, each \$1.50. Plants, 50c.

Mrs. George Lebonveller. ID. An exhibition variety of extra-large size and good form.

Mrs. John W. Stockwell. ID. The large, full flowers have slightly curled petals, giving them a graceful and refined appearance; color amaranth-pink, shading to rose-pink at base. The blooms average 9 inches, with always a full center. 6 to 7 feet high. Roots, each 75c.

Oakleigh Monarch. FD. An unusual shade of orange-red; free flowering. Roots, each 50c.

Omar Khayyam. FD. Chinese red at base of petals, shading to bright orange and tipped lighter. Roots, each 35c.

Pride of Austinburg. ID. A soft apricot shading violet-rose with a reverse shading of light purple; measures 10 by 4 inches. Blooms early on strong stems, centers full. Height, 4½ ft. Roots, each 50c.

Our Dahlia Collections are real bargains

Decorative Types—Continued

Prince of Persia. ID. Very dark red, with velvety markings; immense blooms, very deep, often a foot across. Roots, each 35c.

Red Salute. Heavy petals and leathery foliage, as well as the height cardinal-red color. Blooms are 9 by 6 inches. Grows 5 feet high. Roots, each 50c.

Robert L. Ripley. ID. Color soft rhodamine-purple with deep rose-pink suffusion throughout. Roots, each \$1.50. Plants, 50c.

Sunrays. ID. Color, clear buff with apricot suffusion, with a distinct peach-red on reverse of petals. Roots, each \$1.50. Plants, 50c.

The Commodore. ID. One of the largest and most spectacular yellow Dahlias. Color a brilliant lemon-yellow; petals long and broad. Roots, each 35c.

The World. FD. Rich, deep rose magenta, overlaid garnet, with silver shadings on edges. Roots, each 35c.

Thomas A. Edison. FD. Royal purple exhibition variety, named by permission of the famous electrical wizard. Roots, each 50c.

Treasure Island. FD. Bright apricot, with gold and rose suffusions and shadings; flowers measure 10 inches across. Roots, each 50c.

White Wonder. ID. Giant pure white blooms with long-pointed, twisted and curled petals. Roots, each 35c.

Large Single Varieties

Open-centered flowers with only one row of ray florets, regardless of form or number of flowers.

Dahlia Wonder. A beautiful single variety; flesh-pink shaded violet-rose with yellow shading at center. Roots, each 50c.

Dark Lustre. (Dahliael.) Col. A rich velvety garnet-red Collarette with a white collar. Roots, \$1.50. Plants, 50c.

Doris. Deep velvety carmine, tipped pure white. Very spectacular. Roots, each 25c.

Garnet Poinsettia. Glowing garnet, with rich, glistening sheen. Roots, each 25c.

Little America. This white is unusually outstanding and artistic. Petals inclined to roll forward, resembling a giant Poet's Narcissus. Stems are long and erect for cutting, keeping qualities are remarkable. Roots, each 50c.

Saturn. (Dahliael.) Col. Pleasing clear yellow Collarette with a real yellow collar. Strong, erect stems—perfect form. Roots, \$1.50. Plants, 50c.

Michell's Dahlia Collections

Furnished in Strong Roots

To stimulate larger plantings, we offer the following Collections as an inducement for you to obtain an assortment of meritorious varieties at a very reasonable price. When ordering these Collections, please stipulate name and number.

No. 1 SUPERB COLLECTION, \$5.00

Cherokee Brave. Ox-blood red	\$1.50
Lord of Autumn. Golden yellow . . . . .	.75
Maryland Perfection. (New.) Violet-purple	1.00
May Robson. Rose-pink . . . . .	.75
Sunrays. Buff with apricot suffusion	1.50
Star of Bethlehem. Pure white . . . . .	.50

Value \$6.00

No. 2 BEAUTY COLLECTION, \$2.50

California Idol. Bright yellow	\$0.50
Chautauqua Salute. Pure white . . . . .	.50
Jimmie Foxx. Coppery red . . . . .	.75
Milton J. Cross. Apricot-peach . . . . .	.50
Mrs. John W. Stockwell. Amaranth-pink . . . . .	.75

Value \$3.00

No. 3 GARDEN COLLECTION, \$1.00

Francis Loracca. Sulphur-yellow	\$0.25
Gallant Fox. Dark red . . . . .	.25
Jane Cow. Orange-buff . . . . .	.35
Jersey's Dainty. White and lavender . . . . .	.35
Kentucky. Salmon-pink . . . . .	.35

Value \$1.55

Cactus Types

C., Cactus; SC., Semi-Cactus; IC., Incurved Cactus.

Alice Whittier. SC. Large primrose-yellow flower on long stems. Roots, each 35c.

Amelia Earhart. SC. Apricot-buff, with salmon tints, shading to soft yellow at base of petals. Roots, each 75c.

Ballego's Surprise. SC. Truly a white Frau O. Bracht, but easier to grow. Roots, each 75c.

Cigarette. SC. Creamy white, heavily edged orange-red; petals long and inclined to roll, forming a deer flower. Roots, each 35c.

Dorcas Ann. SC. An attractive pink, with rose suffusion and sulphur-yellow shadings at center. Roots, each 35c.

Frau O. Bracht. C. Clear primrose, finely formed flowers on stiff stems. Roots, each 75c.

Jersey's Dainty. C. A truly dainty white variety faintly tinged lavender, almost pure white later in the season. Blooms 7 inches across and 3 inches deep. Roots, each 35c.

Leiden's Elegance. IC. A light cardinal in this class is welcome and especially one with long, erect stems. The 7 by 3½-inch blooms are fine. Grows 5 feet high. Roots, each 50c.

Marietta. IC. Profuse bloomer with perfect stems and a good grower. A clear and even canary-yellow that does not burn or fade. An Achievement Medal Winner at the Pennsylvania Horticultural Society Show in 1938. Roots, \$1.00. Plants, 50c.

Mariposa. SC. Beautiful shade of true pink, center intensified and suffused with faint violet; narrow, incurved petals. Roots, each 35c.

May Robson. SC. An attractive soft rose-pink variety. Stems erect and blooms well above the foliage. Roots, each 75c.

Miss Elsie Jane. SC. Most artistically formed blooms of shrimp-pink, with cream shadings at center, tipped violet-rose. Roots, each 50c.

Mrs. Herbert O'Connor. IC. Flowers of good size, measuring 9 inches across and 5 inches deep, of an unusually bright color, which is soft rose-pink, deepening at center. Dark, healthy foliage. 5½ feet high; profuse and continuous bloomer. Roots, each 50c.

Red Jug. SC. Rich cardinal-red, with petals tipped yellow. Blooms average 10 inches in diameter and 5 inches deep. Roots, each 50c.

Rheinischer Fröhsinn. IC. Long, incurved petals, white at base, suffusing to luminous carmine-rose. Roots, each 50c.

Satin. SC. Blooms average 10 to 12 inches in diameter and 5 inches in depth; color, flaming scarlet with orange-salmon at base of each petal. Roots, each 50c.

Son of Satan. SC. This is an improvement over Satin as it is a bright scarlet and has stronger stems. Although the petals devolute sufficiently to bring it into the Incurved Cactus class, under varied conditions it will develop into a Semi-Cactus. Blooms 11 by 5 inches. Bush 2 feet. Roots, each \$1.00.

Star of Bethlehem. SC. Pure white blooms with petals finely pointed at tips, and a very high full center. Roots, each 50c.

Orchid-Flowering Varieties

This new race is excellent for landscape effect, gardens, table or other dainty decorations. Blooms often average 4 to 5 inches in diameter. Bush grows 2 to 3 feet in height.

Beaver. Crimson-maroon, with light-tipped narrow florets. Roots, each 25c.

Buttercup. Blooms measure 4 inches across. Color clear yellow. Ideal for the garden. Roots, each 25c.

Dahliael. Twinkle. The sensational Orchid-flowering variety. Blooms perfect in form and of a beautiful combination of white, suffused violet-rose, with distinct Tyrian rose mottlings on the reverse of the petals. Bush rather dwarf. Roots, each 35c.

Everest. Pure white. Roots, each 35c.

Guiding Star. (Dahliael.) O-Fl. A large lemon-yellow Orchid-flowering Dahlia, with slight reddish tinges on reverse. Blooms early in the season to frost. Roots, \$1.00. Plants, 50c.



Cactus Dahlia, Amelia Earhart

Pompon Dahlias are excellent cut flowers

MICHELL'S MERITORIOUS DAHLIAS

(CONTINUED)

The Dahlia as a cut flower enhances the beauty of any decoration you may make. It is a prolific bloomer, a single bush producing blooms for many weeks. The best time to cut flowers is in the early morning. Mature flowers should be selected, the stems cut slant-wise with a sharp knife, the lower leaves stripped off, and the ends of the stems either burned or dipped in boiling water for half a minute. The Dahlias should then be placed in deep containers full of cold water and put in a cool place, free of drafts; if the ends of the stems have become dry, they should be cut before being placed in water.

Collection Michell's Miniature Dahlias

Bishop of Llandaff.	Bright red.	\$.35 each
Fairy.	Violet-rose shaded to mauve.	.35 "
Joyce Ann.	Pink.	.35 "
Orchid Lady.	Violet-rose or light lilac.	.35 "
Petit Sonne.	(Min.) A fine yellow shaded salmon-rose. Neat, attractive and a mass of blooms all season. Keeps exceptionally well.....	.50 "
Snowsprite.	(Min.) Glistening snow-white. Bushes are robust and blooms of fine constant form held boldly above foliage in marked profusion.....	.50 "
Value		\$2.40
(1) each of above 6 varieties,		\$1.75

Miniature Dahlias

This class embraces small Decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut flowers.

MD., Miniature Decorative; MFD., Miniature Formal Decorative; MID., Miniature Informal Decorative; MC., Miniature Cactus.

Baby Royal. MD. Salmon-pink, shaded apricot, with yellow at base of petals. Roots, each 25c.

Baby Sagamore. Amber-yellow with a peach-red suffusion. Stems strong and straight and flowers well under the maximum for Miniatures. Roots, each 50c.

Cinnamon Gem. MID. A most free-flowering Miniature producing quantities of 2½-inch flowers on strong stems of perfect form. Color is unique—cinnamon-orange. Ideal habits. Roots, each \$1.00.

Dubonnet. MSC. A beautiful Miniature Semi-Cactus. A rich deep ox-blood-red that does not fade or burn. Compact bushes with dark green foliage. Roots, each 50c.

Red Robin. A bright scarlet in a true miniature of perfect form. Blooms are sun-resistant and do not fade or burn. Roots, each \$1.00.

Rose Beauty. MFD. The color is a soft peach with coral suffusion. The blooms are 2½ by 2 inches, uniform and perfect, with centers full throughout the season. Bush 2½ feet high. Roots, each 35c.

Tangerine. MFD. Compact grower with long stems for cutting without any disbudding or pruning. A Miniature Formal Decorative of scarlet or russet-orange color. Roots, each 35c.

Pompon Varieties

A miniature form of Ball Dahlias. Very popular and used extensively for table decorations.

New Collection Michell's Selected Pompon Dahlias

Doria. Pompon. A unique variety. Color garnet shading to purple, darker at center. Stems wiry and stiff. 35c each.

Betty Ann. Soft rose-pink. 25c each.

Edith Mueller. Apricot and peach. 25c each.

Goldilocks. Pure gold. 25c each.

Morning Mist. White tipped lavender. 25c each.

Snowclad. Pure white. 25c each.

One each of above 6 varieties (value \$1.60) for \$1.25

Betty Malone. Color white with each petal distinctly tipped violet-purple. Roots, each \$1.00.

Bob White. Pure white, with a cast of yellow. Long stems. Excellent variety for cutting. Roots, each 25c.

Bronze Beauty. A beautiful golden apricot. Free bloomer and good for cutting purposes. Roots, each 25c.

Dee Dee. A perfectly formed pure lavender, small and dainty, with long stems. Roots, each 35c.

Gertrude. Bright glowing carmine of good form on strong stems. One of the best bright reds to date. Roots, each 35c.

Helen Anita. One of the better varieties. Lilac with white center. Roots, each 25c.

Henry. Pale yellow with faint suffusion of red on edges of petals. Free bloomer. Long stems. Roots, each 25c.

Jack. Purple-garnet blooms, perfectly formed, throughout the season. An incessant bloomer. Roots, each 25c.

Johnny. The smallest Pompon grown. Dark red or maroon. Roots, each 50c.

Little Edith. Gold, suffused red. Free bloomer. Excellent for cutting. Roots, each 25c.

Little David. Perfectly formed, russet-orange flowers. Fine for cutting. Roots, each 25c.

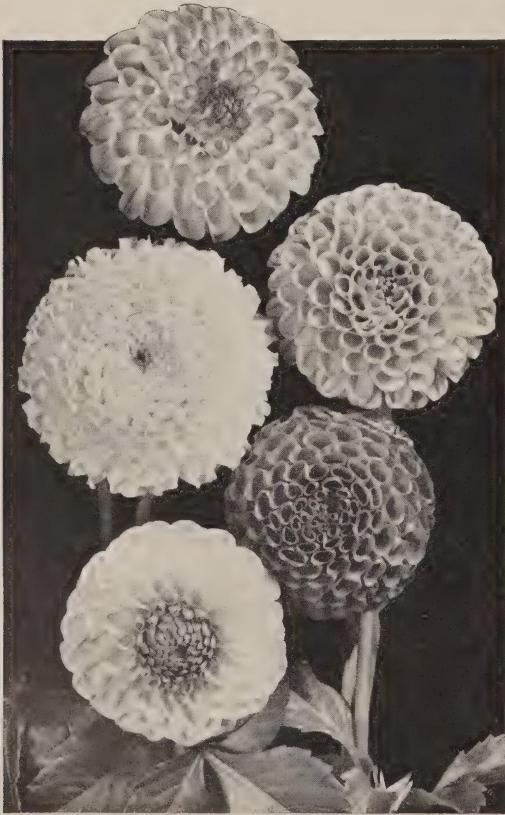
Mary Munns. Fuchsia color, orchid sheen. Roots, each 25c.

Reginald. A fine Burgundy-red of ideal size and finest form. Bush growth rugged. Roots, each 35c.

Sherry. A deep purple which is nearly round and very attractive. Roots, each 35c.

Sunny Daybreak. Shades of yellow and red. Roots, each 25c.

Yellow Gem. Pure light yellow. Free bloomer. Long stems. Roots, each 25c.



Pompon Dahlias

Michell's Summer-Flowering Bulbs

Amaryllis

Cultural directions: There are few bulbs which will give the amateur gardener (or even the professional) more for his money or time than the Amaryllis.

Place the bulbs, when they are procurable (usually from fall until spring), in pots 4 to 6 inches or more in diameter, and cover only to the shoulder of the bulb, leaving the neck protruding. Use a rich sandy loam mixed with some bone meal or sheep manure. Water sparingly at first but increase as the growth increases. A temperature of from 50 to 60 degrees is the most suitable. The flower spikes, often 3 to a bulb, will develop quickly, and each bears several of the immense, beautifully colored, lily-like flowers.

After blooming, it takes the foliage a considerable time to complete its growth, and the plants should be well cared for during that period, to insure next year's blooming. Dry off gradually and after the leaves turn yellow, keep the pots in a cool and dark place for about 4 or 5 months, when they can be started again as described above.

Giant American Hybrids

The finest race of Amaryllis in cultivation, exceeding in size and fine form of their flowers as well as in the diversity of colors and markings, all former hybrids. Flowers striped and flaked. We offer mixed colors only.

Large selected bulbs. Each, 50c; doz., \$5.00. Choice mammoth bulbs. Each, 65c; doz., \$7.00.



Michell's Superb Tuberous-Rooted Begonias

Our strain is the finest grown. The enormous flowers are of the most exquisite coloring and are produced in great abundance. These can be grown in porch- or window-boxes, or in the garden in semi-shady places; can be started in pots indoors very easily. Plant outdoors in May, in a light, well-drained soil where they will flower uninterrupted from latter part of June till frost.

Single Crispa Frilled Begonias (Large Bulbs)

	Each	Doz.	100
Crimson	\$0.30	\$3.00	22.50
Orange	.30	3.00	22.50
Pink, Rose	.30	3.00	22.50
Salmon	.30	3.00	22.50
Scarlet	.30	3.00	22.50
White	.30	3.00	22.50
Yellow	.30	3.00	22.50
Mixed	3, 75c.	2.75	21.00

Double Camellia-Flowered Begonias (Large Bulbs)

	Each	Doz.	100
Crimson	\$0.30	\$3.00	22.50
Orange	.30	3.00	22.50
Pink, Rose	.30	3.00	22.50
Salmon	.30	3.00	22.50
Scarlet	.30	3.00	22.50
White	.30	3.00	22.50
Yellow	.30	3.00	22.50
Mixed	3, 75c.	2.75	21.00

Double Carnation-Flowered Begonias (Large Bulbs)

The edge of each flower petal is exquisitely frilled.

	Each	Doz.	100
Orange	\$0.30	\$3.00	\$22.50
Pink, Rose	.30	3.00	22.50
Salmon	.30	3.00	22.50
Scarlet	.30	3.00	22.50
White	.30	3.00	22.50
Yellow	.30	3.00	22.50
Mixed	3, 75c.	2.75	21.00

Begonia Pendula Hanging-Basket Type

Unsurpassed for vases, hanging-baskets, porch- and window-boxes. Medium-sized flowers all season.

Mixed Colors. Each, 30c; doz., \$3.00, 100, \$22.50.

Fancy-Leaved Caladiums

These are grown for us by one of the leading hybridizers. They are charming conservatory plants. Being of a tropical nature, they like a warm temperature. They do quite well outdoors during the summer if planted in a shaded place. The foliage covers a wide range of colors, making a grand display. Bulbs should be started in moss with plenty of bottom heat.

Ask for leaflet on their culture and care.

Extra Highly Colored Named Varieties

Each 35c; doz., \$3.50; 100, \$25.00

Mixed Varieties

An assortment especially blended for us. 3, 80c; doz., \$3.00; 100, \$22.50.

NOTE: It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended on for best results.

Caladium Esculentum

(Elephant's Ear)

As centerpieces in flower beds or for specimens on the lawn, Caladiums are fine. Do not plant outdoors until after May 1st, but to get them in early growth, they may be started indoors.

First Size Bulbs. 7- to 9-inch circumference. Each 15c; doz., \$1.50.

Mammoth Bulbs. 9- to 11-inch circumference. Each 20c; doz., \$2.00.

Monster Bulbs. 11- to 13-inch circumference. Each 30c; doz., \$3.50.

Jumbo Bulbs. 13- to 15-inch circumference. Each 50c; doz., \$5.00.

Calla Lilies

Excellent as a pot plant for the window garden or for growing outdoors, preferring a shaded location. May be started inside any time prior to May 1st, after which they can be safely planted out.

Elliottiana. Yellow flower as large as the common white Calla. Spotted leaf.

Mammoth Bulbs. Each 30c; doz., \$3.00; 100, \$22.50.

Monster Bulbs. Each 45c; doz., \$5.00; 100, \$37.50.

Jumbo Bulbs. Each 75c; doz., \$8.00; 100, \$60.00.

Spotted. Flowers white. Foliage green, spotted white. Each 35c; doz., \$3.50; 100, \$25.00.

A real surprise awaits the gardener who plants these garden gems

MICHELL'S SUMMER FLOWERING BULBS - Continued



Baby Calla
Pink. (*Richardia Rehmanni*.) Dwarf. Flowers rose-pink, fading to cerise as they mature. An unusual flower. Each, 50c; doz., \$5.00.

Chlidanthus Fragrans
(Fragrant Lily)

Can be grown as a pot plant or in the garden; produces miniature Amaryllis-like flowers of clear, rich yellow; the blooms are very fragrant. To grow in pots the bulbs should be potted in early spring and placed in a warm conservatory or window garden. For outdoor planting set out when all danger of frost is past.

Bulbs must be taken up in the fall and stored in a cool, dry temperature. Each, 20c; doz., \$2.00; 100, \$12.50.

Cinnamon Vine

Free-growing climber, with small white flowers deliciously scented. Makes a quick, dense shade. Monster roots. 3, 25c; doz., 90c.

Gloxinias

Gorgeous plants for either the conservatory or garden. They prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until May 15. We offer extra-large, large, bulbs.

Emperor Frederick Red, striped white. Each, 40c; doz., \$4.50; 100, \$35.00.

Emperor William Purple, striped white. Each, 40c; doz., \$4.50; 100, \$35.00.

Mont Blanc White. Each, 40c; doz., \$4.50; 100, \$35.00.

Queen Wilhelmina Rose. Each, 40c; doz., \$4.50; 100, \$35.00.

Tigrina Spotted. Each, 40c; doz., \$4.50; 100, \$35.00.

Violacea Light purple. Each, 40c; doz., \$4.50; 100, \$35.00.

Mixed Colors 3, \$1.10; doz., \$4.25; 100, \$32.50.

Hyacinthus Candicans
Summer-Flowering Hyacinth

An ornamental midsummer-flowering plant, producing from 20 to 100 large bell-shaped flowers of a creamy white color, clustered on spikes about 2 to 3 feet long. Plant bulbs about 6 inches deep, in a sunny location and in well drained, rich soil. The bulbs will produce a succession of spikes for two to three months, particularly if the spikes are cut off as the flowers fade. 3, 55c; doz., \$2.00.

Gloriosa Superba Rothschildiana

Handsome African tuberous-rooted plant known as "Climbing Speciosa Lily," used mostly as a greenhouse climber, but can be grown successfully outdoors in a warm, sunny location. May be grown on a trellis as it finds support through the numerous tendrils. It grows 6 to 8 feet and produces large, gorgeous, lily-like flowers which open bright yellow, changing to deep scarlet. Strong tubers. Each, 75c; doz., \$8.00.



Ismene Calathina

Pancratium Lily, Peruvian Daffodil

A choice flowering bulb, blooming profusely during the summer. Clusters of large, striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry and planted out the middle of May; they will commence flowering in July. Before freezing weather sets in they should be lifted and kept in a warm, dry place. Large bulbs. Each, 25c; doz., \$2.50.

Extra large. Each, 50c; doz., \$5.00.

Madeira or Mexican Vine

Also known as "Climbing Mignonette." A beautiful and popular vine, growing rapidly, and much prized for porches and arbors. Leaves heart-shaped and of a light green color. Racemes of feathery white, fragrant flowers produced in profusion. Should be protected with litter during the winter. Extra-large selected tubers. 3, 25c; doz., 90c.

Montbretias

Montbretias resemble miniature gladioli, are fine for cutting and excellent for border planting. They prefer light, loamy soil, well enriched with leaf-mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal and a light top-dressing of lime is beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

Aurora A fine golden orange. Doz., \$1.50; 100, \$10.00.

Fire King Fiery red. Doz., 75c; 100, \$5.00.

George Davison Pure golden yellow. Doz., \$1.00; 100, \$7.00.

His Majesty Rich yellow center, shading to scarlet. Doz., \$1.50; 100, \$10.00.

King Edmund Rich golden yellow, with brown markings in throat. Doz., \$1.00; 100, \$7.00.

Choice Mixed. Doz., 60c; 100, \$4.50.

Other varieties of Montbretias supplied on request

Oxalis

(Summer-blooming)

Valuable for edging the borders of walks or flower-beds. Mammoth bulbs.

Lasiandra Rosy pink. Beautiful cut foliage. Doz., 30c; 100, \$2.00.

Martiona Small white flowers. Doz., 30c; 100, \$2.00.

Shamrock Clover-like foliage. Pink flowers. Doz., 35c; 100, \$2.50.

Tigridia Pavonia
Mexican Shell Flower

Hybrids, Mixed. An excellent flowering bulb for the garden, known as the Tiger or Shell Flower. Colors vary from pure white to gold and vivid scarlet, all deeply blotched and speckled with crimson-maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus. 3, 50c; doz., \$1.75; 100, \$12.00.

Tuberoses

One of the most fragrant and popular of summer-flowering bulbs. For blooming in the open, plant about the middle of May.

Double Pearl Pure white. First-size bulbs. Doz., 75c; 100, \$5.00.

Double Pearl Mammoth Extra-large selected bulbs. Doz., \$1.50; 100, \$10.00.

Albino or Mexican Single white blooms in July and August. A very free-flowering variety. The odor is less pronounced than in the double varieties. Doz., 75c; 100, \$5.00.

Zephyranthes
Fairy Lily

This is a small-flowering type of dwarf-growing amaryllis, flowering in profusion during the summer; also suitable for pot-culture.

Carinata Very large, showy pink blooms. Doz., 90c; 100, \$6.00.

Treatie alba Pure white. Doz., 60c; 100, \$4.50.

Treatie rosea Clear rose. Doz., 90c; 100, \$6.00.

Michell's Reliable Plants

Please Read Carefully Before Ordering Plants from This Catalog

When there are other goods on your order, please write the portion applying to plants on a separate sheet.

Plant orders are filled and shipped at what we consider the proper season for planting.

Localities where cold weather is not a permanent thing, shipments are made as soon as possible.

Shipments are best made by Express, except orders for small plants. These can be sent by Parcel Post, if sufficient remittance on cash orders accompanies same.

Please Note: Orders for less than the number of plants listed cannot be filled, unless they are offered at our counter and are taken along. Prices are especially established for these.

Shipping-Time

In average seasons, applying to orders booked for spring.

Hedges, Small Fruits, Trees, Flowering and Ornamental Shrubs. Sometimes late in March, generally during April and lasting until growth is too far advanced for transplanting with safety or assurance of stock surviving.

Herbaceous Perennials. April and continuing either until stock is exhausted or until season is too far advanced.

Roses. May is the best month for these, unless April is warm and settled.

Bedding Plants. Geraniums, Cannas, Salvia, etc., are usually shipped early May.

If plants are wanted by Parcel Post, please add 10 per cent for points east of the Mississippi River, and 15 per cent for points west.

Special Attention

Notice: On receiving plants, unpack them, plant and water thoroughly immediately. If they cannot be planted at once, at least unpack and water them. Newly planted stock, no matter how moist it may appear, should be replanted and every day, in the evening, for a week thereafter be watered thoroughly, unless we have rain each day during the period. Most losses, through Plants, Shrubs, Trees, Hedges, etc., dying, are caused by their not being watered sufficiently and regularly at planting-time.

Special Notice on Guarantee

We spare no effort to supply all Plants, Trees, etc., of the best quality. The many causes beyond our control does not permit us to guarantee this stock. That is entirely within the power of the buyer or planter.

BEDDING PLANTS

Ageratum - Floss Flower

As an edging in a garden border few plants surpass it.

Henry F. Michell. The dwarfest growing and largest flowering variety in existence. Produces immense quantities of most beautiful clear blue flower-heads all summer.

Blue Perfection. Large heads of deep blue flowers produced in abundance. 1 ft.

All Ageratums, 3, \$1.00; doz. \$3.50; 100, \$30.00.

Alyssum

Little Gem. Pure white flowers on dwarf, compact plants. Desirable for edging as it flowers all season. 6 in. 3, 55c; doz. \$2.00; 100, \$20.00.

Antirrhinum - Snapdragons

Large-Flowering Half-Dwarf. A very effective plant for massive bedding or border planting. In separate colors as follows: White, Pink, Yellow, and Scarlet. Extra-strong plants, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Asters

Giant Branching. We grow a large stock in separate colors: Pink, Crimson, White, and Blue. Extra-strong plants, 3, 55c; doz. \$2.00; 25, \$3.50.

Begonias, Fibrous-Rooted

Gracilis Luminosa. A splendid variety with bronzy red foliage and brilliant scarlet flowers. For providing showy masses of color in partially shaded areas few plants are more effective.

Prima Donna. Lovely rose-colored flowers shading to carmine. An unusually decorative plant for edging.

All Begonias, 4-in. pot-plants, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Calendula - Pot Marigold

These somewhat resemble a double yellow Daisy and are fine for cutting, border planting, or as a background. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Coleus

The popular bedding plant with beautifully colored foliage. Used extensively for edging Canna and Geranium beds.

Golden Bedder. Rich canary-yellow foliage.

Queen Victoria. Red foliage with yellow edge. **Verschaffeltii.** Dark crimson foliage.

All Coleus, 3, 55c; doz. \$2.00; 25, \$3.50.

Cosmos

Michell's Giant-Flowering Strain. Produces enormous, long-stemmed flowers late in the autumn. 3, 55c; doz. \$2.00; 25, \$3.50.

Geraniums

Beaute Poitevine. Salmon-pink; very double.

Rose-Scented. The old-fashioned sweet-scented variety.

Ricard. Enormous bright scarlet flowers during the entire season. Compact, medium-dwarf plants.

All Geraniums, extra-fine stock, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Heliotrope - Cherry-Pie

A great favorite in old-fashioned gardens, principally on account of their delightful fragrance. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lantana

They bloom continuously throughout the summer and are coming into great favor on account of their bright, showy colors. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lemon Verbena

Pointed, green, lemon-scented foliage, fine for mixing among cut flowers. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lobelia

Compacta. Blue-flowering plant for edging and hanging-baskets. 3, 55c; doz. \$2.00; 25, \$3.50.

Marigold

These are favorites in all old-fashioned gardens and are in bloom from early summer until frost. Grown from selected seed.

AFRICAN VARIETIES

Guinea Gold. A distinct type, all flowers being double or semi-double. Clear orange, flushed with gold.

Lemon Queen. Large, soft lemon-yellow flowers.

Orange Prince. Very showy, large flowers of deep golden orange.

FRENCH MARIGOLDS

Harmony. French variety of Scabious-flowered type. Very double, deep orange flowers with maroon collar. Free flowering. Excellent for borders.

Legion of Honor (Little Brownie). Single, golden yellow flowers with a large spot of velvety crimson. Early flowering. 9 in.

All Marigolds, 3, 55c; doz. \$2.00; 25, \$3.50.

Moon Vine

Ipomoea noctiflora. A pure white variety blooming toward evening and in the forenoon. The flowers are frequently 6 inches in diameter. Extra-strong plants, 3, \$1.25; doz. \$4.50; 25, \$8.50.

Passiflora - Passion Flower

Pfordti. An attractive climber, bearing a profusion of light blue flowers suffused with pink. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Petunias

This is probably the most universally used of the annual flowers. For bedding, baskets, window-boxes, or urns. They flower continuously. **Double Victorious, Mixed.** Very dwarf and compact in habit of growth, with large, fully double flowers in many brilliant colors.

Giant Single Fringed, Mixed. Flowers large, beautifully fringed and ruffled, in a fine range of colors.

Rosy Morn. Dwarf. Brilliant rose flowers with white throats. 3, 55c; doz. \$2.00; 25, \$3.50.

All Petunias, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Phlox Drummondii

Few annuals are more colorful or more notable for their free-flowering habit than the Drummondii Phlox.

Excellent bedding or border plants.

Dwarf. Red, White, Pink, Mixed. Used each separately. 3, 55c; doz. \$2.00; 25, \$3.50.

Salvia - Scarlet Sage

No show of flowers can equal that produced by the Scarlet Sage. It makes a blaze of color when massed or planted in beds.

America. Best of all the Scarlet Sages. The earliest and most continuous bloomer, as well as the most uniform in habit of growth. 3-in. pot-plants, 3, 55c; doz. \$2.00; 25, \$3.50. 4-in. pot-plants, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Verbenas

Michell's Mammoth Fancy Strain, Mixed. Used for edging borders or for window-boxes and vases. 3, 85c; doz. \$3.00; 25, \$5.50.

Vinca

Rosea. This is the flowering type used for bedding or vases. They are well adapted for either full sun or partial shade. Colors: Pink, White, White with Pink eye, each separate. 3, 85c; doz. \$3.00; 25, \$5.50.

Major variegata. A trailing plant used for hanging-baskets and window-boxes. Green foliage, mottled white. Extra-strong pot-plants, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Zinnias

Michell's Giant Dahlia-Flowered, Mixed. Distinct from the ordinary Giant-flowering class. Extra large and of a true Dahlia-flowered type. Plants grow from 2 1/2 to 3 feet high. Mixed colors.

Elegans, Lilliput. Of compact habit, not over 15 inches high. Beautiful, miniature, perfectly double flowers, excellent for bedding and cutting. Mixed colors.

All Zinnias, 3, 55c; doz. \$2.00; 25, \$3.50.

Michell's HARDY GARDEN ROSES

The Roses we are offering are all strong, 2-year, field-grown plants that were dug last fall and potted into 6-inch pots, then stored in cold frames without any artificial heat. During the latter part of March these potted plants are moved to beds in the open air where they receive no further protection. Under this treatment they develop in a natural way and are not only superior to stock which has been developed into full growth under glass, but also better for spring planting than plants which have been carried in cellars, in cold storage, or kept dormant in any other way until planting time in late April or May. Roses thrive best in an airy position where they can have light shade during part of the day, but not near enough to trees and shrubs whose

roots would rob them of food and moisture. Roses are gross feeders and consequently require a rich soil. Select a well drained position where the soil is good and dig in a liberal amount of well-decomposed manure, thoroughly mixing it with the soil. For best results, the beds should not be too wide; plant the Hybrid Teas 15 to 18 inches apart and the stronger growing Hybrid Perpetuals 2 feet apart, planting all about 8 to 10 inches from the edge of the beds. Budded Roses should be planted so that the bud is not over 2 inches below the surface of the ground; firm the soil well around the roots and give a thorough watering. Throughout the summer the surface of the bed should be cultivated.

SELECT LIST OF OUTSTANDING ROSES

ALL-AMERICA ROSE SELECTIONS "THE BIG '4'"

Mary Margaret McBride. (J. H. Nicolas.) Plant Pat. 537. This flower is a most alluring rose-pink. The long buds have a yellow base and open to large 45-petaled blooms with a glowing rose-pink color. The petals stay upright, but the edges recurve gracefully to add to the charm of this Rose. Each \$1.75.

Grand Duchesse Charlotte. (Ketten.) Introduced by The Conard-Pyle Co. Prop. rights reserved. A new shade of red not known in any other Rose. The beautiful, long, stream-lined buds are a rich claret color and open to firm-petaled blooms. The 25 petals recurve and make a delightfully artistic flower. Each \$1.75.

Heart's Desire. Plant Patent No. 501. The long-pointed dark red buds open to lovely, 4-inch blooms of scarlet-red. There are about two dozen petals and the unforgettable fragrance of old-time Roses. Each \$1.75.

Charlotte Armstrong. (Armstrong.) Plant Patent No. 455. Beautifully formed, high-centered blooms of cerise to spectrum-red, long slender, blood-red buds. Each \$1.75.

Apricot Queen. Plant Patent No. 464. A lovely combination of colors is to be noted in this glorious Rose—orange and apricot at the base of the petals, merging to salmony rose and Phlox-pink in the fully developed bloom is descriptive. Each \$1.50.

Better Times. Plant Patent No. 23. Long crimson buds, opening into brilliant cerise-red flowers which are large, very double, delicately fragrant, and produced on long, strong stems. Each \$1.25.

California. Plant Patent No. 449. The color is a shade of ruddy orange toned with saffron-yellow, with the exterior of the broad petals overlaid with Saturate rose. Each \$1.75.

COUNTESS VANDAL. Plant Patent No. 38. Vigorous and free flowering, with long-pointed buds of good size, opening into double, long-lasting, fragrant flowers of a lovely coppery pink and gold. Each \$1.25.

Crimson Glory. Plant Patent No. 105. Well-branched, compact plants with magnificent, large, urn-shaped buds which open to flowers of an intense, deep and vivid crimson shaded with deep red and mellowed by a velvety nap. Each \$1.50.

Eclipse. Plant Patent No. 172. The long, stream-lined bud, enhanced by ornamental sepals, is of rich gold without shading. Petals are large and tough but not numerous, averaging 20 to 25, with more in the autumn. Each \$1.50.

Good News. Plant Patent No. 426. This winning bloom of shining coppery pink is "Good News" but you have to imagine the delightful tea fragrance. A prize winner. Each \$2.00.

Mme. Charles Mallerin. (Mallerin.) Plant Pat. No. 409. Orange-flame. Flowers stand erect on extra-strong stems well above the large, abundant, dark green foliage. One of the earliest Roses to bloom. The color of the open flowers is orange unmatched by any other Rose. Each \$1.75.

Mme. Cochet-Cochet. Plant Patent No. 129. Coppery pink. The long, pointed buds open to large, semi-double, artistic flowers that simply glow with a mass of golden anthers that reflect a golden shade on the inside petals. Rich honey-like fragrance. Each \$1.00.

Mme. Henri Guillot. (Mallerin.) Plant Patent 337. This Rose with its large, firm petals, turn to urn shape, then to the form of an immense, 25-petaled Camellia of shining raspberry, each richly, fragrant flower held erect and fine for cutting. Each \$1.50.

Narzisse. (Krause.) Maize-yellow. The yellow buds and maize-yellow blooms are exceptionally large and on vigorous plants that are well furnished with large, leathery foliage. Each \$2.00.

Poinsettia. Plant Patent rights reserved. This rose has semi-double flowers of a bright rich scarlet, produced freely during the whole season. Each \$1.25.

R. M. S. Queen Mary. Plant Pat. 249. Its color is a glorious combination of vivid shades, blending rich glowing salmon with an exquisite pure pink with an orange base. Each \$1.25.

Will Rogers. Plant Patent 256. Crimson-maroon. The plants produce quantities of full-petaled flowers with blackish shadings. Rich Damask fragrance. Each \$1.25.

HARDY CLIMBING ROSES

Blaze. Pillar. Plant Pat. 10. Scarlet-crimson. Makes a gorgeous show in June. One of the few under favorable conditions to repeat in the fall. Quite hardy. Each \$1.25.

Doublons. Plant Patent No. 152. It is a vigorous climber with heavy wood and handsome glossy foliage. When in bloom the whole plant is literally covered with clusters of large golden flowers. Buds ovoid, deep saffron-yellow, opening into large, fragrant, double, cupped, golden flowers. Each \$1.25.

Jacotte. Wonderful yellow climbing Rose with bright glossy green foliage and sweet-scented, orange-yellow flowers. Each \$1.00.

New Dawn. Plant Patent No. 1. This new Rose is a sport from Dr. W. Van Fleet. It has long-pointed flesh-pink buds and double flowers, but blooms continuously throughout the summer and autumn months. Each \$1.75.

Silver Moon. An indispensable hardy climber having long, well-shaped buds, creamy yellow on first appearance, opening into immense Clematis-like flowers of a waxy whiteness. The center is a mass of bright yellow stamens making a wonderful contrast. Each \$1.00.

Collection of Hardy Climbing Roses

Blaze. Description listed above.
Doublons. Listed above.
New Dawn. Description listed above.

Special offer \$3.75



Crimson Glory



Jacotte

Michell's Select Hybrid Tea Roses

All varieties listed at \$1.00 each will be supplied at \$11.00 per doz.

Ami Quinard. Black-lustered red. Dainty buds of deep maroon, beautiful urn-shaped flower unfolds, with Damask fragrance. The petals are like shining crimson velvet and very free in bloom. Each \$1.00.

Betty Uprichard. Long-pointed buds and large, open, long-lasting, very fragrant flowers of a delicate salmon-pink, reverse carmine with a coppery sheen. A vigorous grower and a profuse bloomer. Each \$1.00.

Dainty Bess. A daintily colored single Rose of artistic form, the petals forming an almost square flower. Blooms are a delicate shade of shell-pink, with a conspicuous group of wine-colored stamens. Each \$1.00.

Editor McFarland. Deep pink. It has a lovely form and rich pink self color without other shading. Long buds open to deep pink flowers with delightful fragrance and come singly on erect, firm stems. Each \$1.00.

Etoile de Hollande. Brilliant red flowers of large size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Each \$1.00.

Golden Dawn. The ideal yellow garden Rose. Ovoid, lemon-yellow bud heavily splashed with crimson before opening, developing into a well-formed, sweetly scented, large, double sunflower-yellow bloom. Each \$1.00.

Grenoble. Scarlet-crimson. The buds are crimson, but the open flower is brilliant red, almost scarlet, and a bed of Grenoble stands out like a fire. Each \$1.00.

Imperial Potentate. Large, ovoid bud; shapely flower, large, high-centered, long-lasting, sweet-scented, deep lively rose-pink. Each \$1.00.

Joanna Hill. A yellow Rose with large, long-pointed buds which open to large, full, semi-double flowers of a clear yellow, with orange-yellow center. Each \$1.00.

Kaiserin Auguste Viktoria. An old variety but still one of the best. In color it is a soft pearl white, tinted with lemon. Each \$1.00.

Lady Ashtown. Pink. Long-pointed buds and perfect carmine-pink blooms with a golden underglow. Each \$1.00.

Luna. Moonlight-yellow. The long, yellow buds open to large, fragrant blooms of yellow which age to soft cream-white. Each \$1.00.

Margaret McGredy. Bud very large and long-pointed; flower large, shapely, long-lasting, very double, fragrant, and brilliantly colored—a rich shade of Oriental-red, passing as it ages to carmine-rose. Each \$1.00.

Mme. Jules Bouche. Beautiful white flowers, sometimes shading to light blush in the center. One of the best white bedding Roses to date. Each \$1.00.

Mme. Joseph Perraud. The long, slender orange buds open to sweetly fragrant flowers of a charming Nasturtium-buff, straying to a lovely shade of shell-pink at the petal edges. Each \$1.00.

Mrs. Erskine Pembroke Thom. Long, shapely buds of large size, developing into full, double flowers of deep lemon-yellow color and sweetly scented. Each \$1.00.

Mrs. Pierre S. du Pont. Medium-sized, long-pointed buds of reddish gold, opening to semi-double, cupped, very lasting, fragrant flowers of a deep golden yellow. A strong, vigorous, compact grower. Each \$1.00.

Mrs. Sam McGredy. Scarlet coppery orange, heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and dazzling effect. The large flowers are of beautiful form and possess the proper fullness to make them useful for all purposes. Each \$1.00.

President Herbert Hoover. One of the best of the newer bicolor roses. Long-pointed buds open to large, loose, fragrant flowers of cerise-pink, flame, scarlet, and yellow. Each \$1.00.

Radiance. A Rose of American origin. It is an ideal bedder, producing large flowers throughout the summer when many other varieties are out of bloom. In color, it is a beautiful even shade of pink. Each \$1.00.

Red Radiance. A counterpart of Radiance from which it is a sport, possessing all of the good points of that variety, but differing in color, which is bright cerise-red. Each \$1.00.

Rouge Mallerin. Scarlet. The alluring fragrance is but one of the excellent qualities of this Rose. The pointed buds of brilliant red open to 3½-inch blooms of glowing scarlet. Each \$1.00.

Soeur Therese. Buttercup-yellow. Each flower is fine for cutting as it comes on a wiry stem from 6 to 8 inches in length. The buds are marked with carmine but the open blooms are clear yellow. Each \$1.00.

Snowbird. White. Snow-white from the bud until the petals fall. The fragrant, pure white flowers are perfectly formed, full petalled and are often 4 inches across. Each \$1.00.

Talisman. Its combination of apricot, gold, and deep rose-pink gives a glittering mass of color over a long period of time. Each \$1.00.

Texas Centennial. Plant Patent No. 162. Blood-red. This richly fragrant variety is a sport of the great President Herbert Hoover Rose, and has all the good qualities of its parent. Each \$1.00.

MINIATURE ROSES, HARDY

Pixie. Plant Pat. 408. The world's tiniest double white Rose. It shows pink shadings in cool weather.

Rosa Rouletti. A unique little Rose discovered in Switzerland. Very dwarf and blooms from May until November. Tiny, double, rose-pink flowers less than one-half inch in diameter.

Tom Thumb. Plant Pat. 169. Pointed crimson buds open to single crimson blooms with a white center.

3-INCH POT-GROWN PLANTS 85c each; 3 for \$2.25

Michell Dozen

Ami Quinard	Mme. Cochet-Cochet
Editor McFarland	Mme. Jules Bouche
Etoile de Hollande	Mrs. Pierre S. du Pont
Imperial Potentate	Radiance
Joanna Hill	Rouge Mallerin
Luna	Talisman

1 plant each of 12 varieties \$11.00

Description of each in general list.



Joanna Hill



Grenoble



Joanna Hill



Betty Uprichard

The Rose is Undoubtedly the Queen of Flowers



Mme. Gregoire Staechelin

TRI-OGEN

The All-Purpose Spray

FUNGICIDE—INSECTICIDE
PLANT STIMULANT

Complete protection against plant insects and diseases. Mildew and black-spot easily controlled with this spray treatment.

- | | |
|---|---------|
| A. Small kit (makes 16 qts.) | \$ 1.50 |
| B. Medium kit (makes 64 qts.) | 4.00 |
| C. Large kit (makes 32 gals.) | 6.00 |
| D. Estate kit (makes 128 gals.) | 20.00 |

HARDY CLIMBING AND RAMBLER ROSES

As ornamental plants for covering verandas, porches, side walls, pillars, fences, etc., these are unequalled, calling forth more admiration than anything else that can be used. The large-flowered varieties require no pruning beyond the removal of very old and worn-out canes, and the thinning out of weak growth. Canes becoming too long may be shortened.

The Ramblers, or small-flowered cluster type, should have the old canes removed at the base as soon as they finish blooming, training the new canes into place for next year's bloom.

American Pillar. The large, single flowers are a lovely shade of cherry-pink, with a clear white eye surrounding numerous golden yellow stamens.

Cl. American Beauty. The name of this Rose is rather misleading, yet on its own merits it is an excellent climber. It has but one blooming season, June, when it bears abundantly, large, bright self-colored, rose-pink flowers.

Dr. W. Van Fleet. One of the most important climbing Roses, having perfectly formed buds, long-pointed, flesh-pink in color and very solid. The flesh-pink flowers are very large, borne on long stems, fragrant, and fine for cutting.

Mme. Gregoire Staechelin. Gorgeously colored and exquisitely perfumed; its color is iridescent pearl-pink with claret-carmine markings on the outer petals. Perfectly hardy, and has large, disease-resistant foliage.

Mermaid. Immense, single blooms of sulphur-yellow glorified with a heavy, shaggy mass of rich golden anthers. The flowers come abundantly all season. Each \$1.00.

Mary Wallace. Long-pointed buds and very large, cupped, semi-double flowers, clear rose-pink in color. A strong grower and very free flowering. Often repeats in autumn.

Paul's Scarlet Climber. No other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall.

Each \$1.00; doz. \$11.00.

Collection of 3 Popular Varieties

Cl. American Beauty
Jacqueline (Description on page 56.)
Paul's Scarlet Climber

Price \$2.75

HARDY HYBRID PERPETUAL ROSES

Before the development of the Hybrid Teas, this was the most popular type for garden planting. For a while they were neglected but because of their great hardiness and the quantity of their large flowers, they are again becoming popular. Most of them are deliciously fragrant.

Frau Karl Druschki. The flower is very double and opens to a pure snow-white. Growth is vigorous and the plant is a most prolific bloomer during the month of June. Scattering flowers often appear in the fall.

Gen. Jacqueminot. The old favorite "Jack" Rose is still popular. Blooms are large, full, and globular, having an excellent cup-shaped form; in color they are brilliant scarlet-crimson, with deep veining.

Henry Nevard. Crimson-scarlet of fine large form; very fragrant. Very free flowering.

Mrs. John Laing. Beautifully formed, shell-pink flowers, exceedingly fragrant, and borne on strong stems. Fine for cutting. A good grower.

Any of the above, each \$1.00; doz. \$11.00.



Poulsen's Yellow

LARGE-FLOWERING POLYANTHA or FLORIBUNDA ROSES

Betty Prior. Plant Pat. 340. Two-tone red and pink. Large branching clusters of single blooms resembling red Dogwood in shape, size and color are borne continuously on erect plants, 3 to 3½ feet in height. Each \$1.00.

Donald Prior. Plant Pat. 377. Large semi-double blooms of glowing crimson are borne incessantly on upright 3½ to 4-ft. plants with lovely shiny foliage. Each \$1.00.

Permanent Wave. Plant Pat. 107. Wavy-edged blooms of rich rose-pink come in clusters of six or more from unique, bronzy buds. Each flowering branch makes a long-lasting charming bouquet. Growth 2 to 2½ feet. Each \$1.00.

Poulsen's Yellow. The first true yellow Floribunda. Lovely double flowers of clear yellow come in branching sprays from dainty, carmine-tinted buds. Cut sprays before buds open for long-lasting, charming indoor decorations. Each \$1.00.

Summer Snow. Plant Pat. 416. Hardy, dwarf plants become almost covered with snow-white blooms. Some white flowers are needed in every garden and Summer Snow, like all other Floribundas, will provide abundant blooms for 5 months. Each \$1.00.

World's Fair. Plant Pat. 362. The best known of all the red Floribundas. The large, fragrant, velvety crimson flowers are produced all season on 3-ft. plants that come through severe winters here with practically no protection. Each \$1.00.

Special Collection of above 6 varieties, \$5.50



Frou Karl Druschki

Michell's Hardy Perennial Plants

Without exaggerating in any way it may be said that practically all of the Hardy Perennials are of easy culture.

In planting Perennials, let us remember that well-prepared soil will more than repay the effort involved. Don't try to grow your Perennials. Allow them ample space in the beds or borders so that they can develop their natural growth. The matter of grouping or arranging reflects the ideas of the individual garden maker. If possible, choose a location that has a background of flowering shrubs, evergreens, a hedge, or a wall. To be sure, Perennials cannot be expected to grow in dense shade, but there are some that flourish better in partial shade than they do in full sun. Others must have a sunny location in order to thrive. Tall-growing plants are most effective in the background; those in the middle ground would, of necessity, be of medium height with an occa-

sonal group taller than the rest for accent purposes. Then, those plants used at the edge of the bed or border would naturally be those of low, somewhat spreading growth.

All too often, garden enthusiasts make the mistake of buying one plant of a kind with the expectation of getting spectacular masses of color. However, the result is usually spotty in its effect. Plant Perennials in groups of three or more, making an irregular mass.

Seldom, if ever, can a Perennial border be planted perfectly the first time. There are always some plants that need to be shifted to more favorable locations. But this is all a part of the fun of gardening. Why not plant a new Perennial garden? There are many surprises in store for you.

Varieties marked ★ suitable for rock gardens.

Anemone - Windflower

Hupehensis. The plant grows 10 to 12 inches high and is wonderfully free flowering from early August until late autumn. Flowers a pleasing mauve-rose. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Pulsatilla (Pasque Flower). An interesting plant for the rockery or border, producing violet or purple flowers during April and May. 9 to 12 in. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Japonica, Queen Charlotte. Very large, semi-double flowers of La-France-pink, a color that is rare among hardy plants. 3, \$1.15.

Japonica, September Charm. Flowers delicate silvery pink, shaded with rose and mauve, 2 inches or more across. Very free flowering. 2 ft. Sept. 3, \$1.15.

Japonica, Whirlwind. Large, semi-double, pure white flowers. Very free. 3, \$1.15.

Collection of above 3, \$1.00

Aquilegia - Columbine

Michell's Long-Spurred Hybrids, Mixed. The plants are of strong, thrifty growth and the flowers of the largest size. Can be supplied in separate shades: Blue, Pink, and Red and Orange.

Candensia (Common American Columbine). Native bright red and yellow variety. One of the brightest.

Chrysanthus (Golden Columbine). Bright yellow, long-spurred flowers.

Clomatitiflora. There is a striking resemblance to the Clematis, which accounts for its name. The colors range through pastel shades of pink and blue. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Coerulea (Rocky Mountain Columbine). Bright blue and white, long-spurred flowers.

Crimson Star. Large, brilliant dark crimson flowers on vigorous stems 2½ to 3 feet high, from May until July.

Longissima. Flowers of delicate pale yellow with spurs 4 inches long, produced abundantly from late May on. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Longissima Hybrids. The achievement of English hybridizers! They have crossed the bewildering beauty of the finest Scott Elliott Hybrids with the fantastic spurs of Longissima. Available in assorted colors only. 2½ to 3 ft. May, June.

All Aquilegias, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Arenaria - Sandwort

Montana. Very desirable creeping plant, forming a dense carpet of foliage, covered with attractive white flowers in spring. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Michell's Collection of Hardy Perennial Plants

This year we are offering . . . FOUR SPECIAL COLLECTIONS of Hardy Perennial Plants. We will select the most desirable kinds.

(1.)	12 plants, our selection	\$ 3.50
(2.)	25 plants, our selection	6.00
(3.)	50 plants, our selection	11.00
(4.)	100 plants, our selection	21.00



Michell's Long-Spurred Aquilegia



Arabis Alpina fl.-pl.

Harrington's Pink is the first real pink Hardy Aster

OUTSTANDING HARDY ASTERS

Alderman Volkes. Clear rose-pink with blue sheen. 3 ft. Sept.

Beechwood Challenger. This, in our opinion, is the nearest approach to red in Hardy Aster. It is free flowering, of medium height, about 3½ feet. Planted with Mt. Everest, their contrast is striking in the early fall garden. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Blue Bouquet. Large, clear violet-blue flowers with yellow eyes. 1½ ft. Oct.

Charles Wilson. A bright red Aster which grows 3 feet high and is very good.

Gayborder Blue. A wonderful tall border variety good for cutting; clear blue flowers with bright yellow eye. 5-ft. tall blooms from September to frost. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Harrington's Pink. Probably the best truly pink Aster to date. The plant produces bold masses of large flowers from late August on. 3 to 4 ft. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Hybridus luteus. Masses of bright clear yellow, star-shaped flowers from July until frost.

Mt. Everest. A wonderful white Aster, very tall, well-shaped pyramids of flowers right down to the ground.

Mt. Rainier. Best white companion to Harrington's Pink. 3, \$1.50, doz. \$5.50; 25, \$10.50.

Pink Nymph. A most profuse bloomer and one that is sure to please. The charming flowers open a rich rosy red which changes to bright pink as they mature. 4 ft. Sept.

Skylands Queen. Large, light blue flowers produced abundantly on 4-ft. plants in late August and early September.

Violetta. One of the best new blues with large flowers of violet-blue. 3, \$1.50; doz. \$5.50; 25, \$10.50.

All above Hardy Asters, except where noted, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Dwarf Asters

Alpinus. Indispensable for the rockery or edge of hardy borders as they grow only 6 to 10 inches high. Large, showy, bluish purple flowers in May and June.

Mauve Cushion. An entirely distinct species. Forms a ciliated cushion-like plant 2½ feet across, rarely exceeding 9 inches in height. Blooms early in October, but are not at their best until November.

All Dwarf Asters, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Aster Frikarti, Wonder of Staefa

An everblooming perennial. Flowers clear azure-blue, 2 to 3 inches in diameter, on long stems. Blooms from June until frost. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Aster Collection—\$1.85

Mt. Rainier
Gayborder Blue

Harrington's Pink
Mt. Everest

Dwarf Border Asters

Countess of Dudley. Charming, clear pink flowers with yellow eyes. 9 in. Late Sept.

Levanda. Lavender-blue flowers, commencing to bloom early in September. 6 in.

Lilac-Time. Lovely soft lilac flowers. Very free and of bushy habit. 1 ft. Sept., Oct.

Marjorie. A charming plant of compact growth, bearing large, bright rose-pink flowers. 1 ft. Mid-Sept.

Niobe. The best white variety. Dwarf, compact habit with pure white flowers. 6 in. Sept.

All Dwarf Border Asters, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Asclepias - Butterfly Weed

Tuberosa. Very showy native plants, about 2 feet high, producing their flowers of brilliant orange-scarlet during July and August. 3, \$1.00; doz. \$3.50; 25, \$6.50.

VARIETIES MARKED * ARE SUITABLE FOR ROCK GARDENS

Astilbe Arendsii

Betsy Cupera. A splendid variety, growing about 5 feet high, with 2-foot drooping spikes of white flowers with pink centers. Very showy.

Granat. Deep crimson flowers. 2 ft.

Pink Pearl. Compact spikes of delicate pink. All Astilbes, 3, \$1.50; doz. \$5.50; 25, \$10.50.

*Aubrietia

(Rainbow Rock-Cress)

Leichtlini rosea. A hybrid with lively rose-colored flowers. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Campanulas

Calycanthemum (Cup-and-Saucer). Pink, White, and Blue, separate colors. 1½ ft. June, July.

***Carpatica** (Carpathian Harebell). A pretty, compact-growing variety with clear blue flowers on erect, wiry stems, from July until October. 3, \$1.15; doz. \$4.00; 25, \$7.50.

***Carpatica alba.** Pure white form of the above. 3, \$1.15; doz. \$4.00; 25, \$7.50.

***Gorganica.** Forms a low, spreading tuft, covered in June with star-shaped light blue flowers having white eyes. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Glomerata superba. Flowers dark violet. Late-flowering.

Medium (Old-Fashioned Canterbury Bells). Flowers freely in June. Blue, Pink, and White, in separate colors. 3 to 4 ft.

***Miranda.** This variety begins to flower after Gorganica, during late June, July, and August, and continues to produce continuously a luxuriant mass of wee, dainty, nodding bells of an exquisite lavender-blue on fragile stems 4 to 6 inches high. 3, \$1.15; doz. \$4.00; 25, \$7.50.

***Muralis.** Midsummer-blooming Campanula with masses of purple-blue, bell-shaped flowers on 4- to 6-inch stems. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Montana (Mountain Blue). Grows 2 feet high, bearing large violet-blue flowers from July to September.

CAMPANULAS—Continued

Persicifolia humosa. We are pleased to introduce this rare double form of the Peach Bell Campanula. Perfectly hardy, it yields a continuous mass of large blue cups during May, June, and July. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Persicifolia Moerheimi. Large spikes of pure white, double, Camellia-like flowers, 2 to 2½ inches in diameter. Blooms from the middle of May until late in July. 2 ft. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Pyramidalis (Chimney Bellflower). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high of porcelain-blue flowers in August. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Rotundifolia, Purple Gem. A more free-flowering type with saucy bells until November. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Telham Beauty. Our stock is true, from imported plants, producing large, single flowers of exquisite China-blue through July. 3, \$1.50; doz. \$5.50; 25, \$10.50.

All Campanulas, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Hardy Carnations

Crimson King. Vibrant crimson, double flowers on long stems. All summer. 3, \$1.25; doz. \$4.50; 25, \$8.50.

Grenadin Pink. A lovely rose-pink; fragrant.

Grenadin Red. Large flowers of bright red; fragrant.

Grenadin White. Large pure white flowers; fragrant.

Prince Bismarck. Deep rosy pink.

Royal Cottage Hybrids. Large double flowers, delightfully fragrant. Red, Pink, White, and Mixture. 3, \$1.15; doz. \$4.00; 25, \$7.50.

All Hardy Carnations, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Centaurea

Montana (Mountain Blue). Grows 2 feet high, bearing large violet-blue flowers from July to September.

Montana alba. Pure white form of above.

All Centaureas, 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Cerastium - Snow-in-Summer

Tomentosum. Pure white flowers and silvery foliage. A compact grower and fine for the rock garden. 3, 85c; doz. \$3.00; 25, \$5.50.

*Cheiranthus

Allioni (Siberian Wallflower). An excellent rock plant growing about 1 foot high and producing an abundance of brilliant orange flowers in June. 3, 85c; doz. \$3.00; 25, \$5.50.

Chrysobaltonia Pulcherrima. A very showy and easily grown garden perennial. Perfectly hardy, growing about 2 feet high. The graceful flowers are blush-white with generous pink shading. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Shrubby Clematis

Davidiana. A most desirable variety with fresh, bright green foliage and very fragrant, bell-shaped, deep lavender-blue flowers during August and September. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Coreopsis

***Aureolata nana.** A compact, dwarf form producing deep golden orange flowers on stems 8 to 10 inches high, from May until fall. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lanceolata grandiflora. Flowers rich golden yellow, of graceful form, making them fine for cutting. June till October. 3, 85c; doz. \$3.00; 25, \$5.50.

Sunburst Improved. Unusually large double flowers on long stems, fine for cutting. 3, \$1.00; doz. \$3.50; 25, \$6.50.



Aster, Harrington's Pink

HARDY GARDEN CHRYSANTHEMUMS

Large-Flowered Double

Avalanche. A marvelous new pure white of extra-large size. The densely double flowers are high crowned and of almost ball shape, measuring 4 to 5 inches across as grown in our fields without disbudding. Flowers in early October and carries its magnificent blooms on strong wiry stems so that it is as good a cut flower as a garden variety. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Bronze Cydonia. A sensational sport from Cydonia with well-rounded fully double blooms combining the orange-mahogany color of Cydonia with a lustrous bright bronze on the tip-third of the petals. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Cydonia. Double flowers of a brilliant orange-mahogany. One of the brightest in our collection. 3, \$1.15; doz. \$4.00; 25, \$7.50.

King Midas. A very strong, free-flowering early-blooming double Korean variety with light yellow flowers sometimes lightly blended with bronze.

Lilian Doty. Large, ball-shaped, rose-colored sort. Very popular and reliable.

Mrs. H. E. Kidder. Large yellow Incurred.

Mrs. Sam P. Rotan. Produces perfectly double flowers of brilliant golden yellow shading to orange. Compact and free.

Soladine. Oriental red shading to coral-red with coppery tones on reverse of petals; semi-double.

Silver Tips. A very unique, free-flowering variety. The double blooms are bright carmine with the tips and reverse of the petals silver-white.

White Doty. Large ball-shaped white variety. Very popular.

Yellow Doty. Same form and habit as Lilian Doty and White Doty, but with deep bronzy yellow flowers.

All above varieties, except where noted,
3, 85c; doz. \$3.00; 25, \$5.50.

Dean Kay 'Mums

Dean Kay Improved. Excellent rose-pink. 2½ to 3 ft.

Dean Ladd. Is a reddish bronze and grows about 2 to 2½ ft.

My Lady. Is a delicate shade of orange-yellow. 2 to 2½ ft.

All above varieties, 3, \$1.65; doz. \$6.00;
25, \$11.50.



Ethel

Extra-Early Flowering Korean Hybrids

Acacia. Myriads of small, glittering, delightfully fragrant, acacia-like blossoms covering the plants from late September on. The semi-double sulphur-yellow flowers are about an inch in diameter. 2 ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Autumn Lights. Semi-double coppery bronze blossoms with a gleaming orange overcast. The compact, vigorous bushes are simply covered with flowers in late September. A variety of more than average hardiness. 1½ ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Fortuna. Very vigorous plants of medium height covered with unique curly-petaled oxblood-red single flowers 3 to 4 inches in diameter. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Double-Flowered Korean Hybrids

Burgundy. Most remarkable among the Korean Hybrids. Rich cerise-crimson with deeper center.

Caliph. Deep oxblood-red with a rich velvety sheen. Very showy and greatly admired.

Gleam o' Gold. This splendid primrose-yellow, aptly named, fairly gleams in the mellow October sunshine. Blooms early October. 2 ft.

Goblin. A distinct warm golden bronze attaining perfection for Hallowe'en decoration. Of airy, graceful habit. 2 ft.

Lavender Lady. One of the newest double Koreans. Vigorous plants producing a great abundance of delicate double lavender flowers.

Mandarin. Coral, salmon, and bronze blended to make a very attractive flower. The plant is compact but the blooms are carried on stiff, wiry stems.

Pale Moon. Fluffy sulphur-yellow flowers completely covering the compact plants. A new color in this type and very promising.

Roberta Copeland. A very unusual rose-red which matures as a salmon-bronze. It is an early bloomer, starting about middle of September. 2 ft.

Rose Glow. Appealing old-rose blooms borne in great profusion on plants reaching about 2 feet high. Blooms about October 5.

Sequoia. Elegant, good-sized, double blooms of a mellow amber color.

Symphony. Mauve-rose overcast with soft coppery tints, giving the flowers an unusually different and attractive appearance. Of strong, healthy growth.

All above varieties, 3, \$1.15; doz. \$4.00;
25, \$7.50.

Small Aster-Flowered and Pompon

Cheerfulness. Makes large plants of excellent form, covered with hundreds of small double yellow buttons.

Ethel. Superb bronze Button.

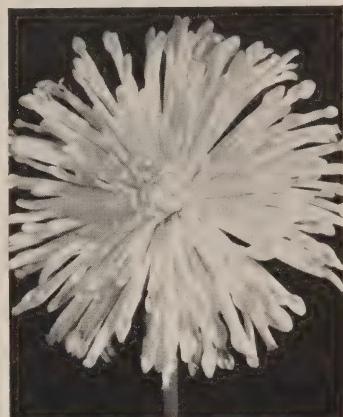
Jewel. Wonderful ball-shaped lilac Pompon. Very attractive and popular. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Judith Anderson. A vigorous variety producing great quantities of good-sized button-shaped golden yellow flowers. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Pomponette. A dwarf, compact grower literally covered with charming yellow Pompon flowers. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Ruth. Very strong wine-colored small Aster.

All above varieties, except where noted,
3, \$1.00; doz. \$3.50; 25, \$6.50.



Spoon Chrysanthemum

Hardy Single-Flowered

Lovelight. Large, pale pink, duplex flowers on a vigorous plant.

Nancy Copeland. A brilliant red Korean Hybrid with wiry stems.

Sensation. Single yellow with every petal tipped scarlet. Very showy and reliable.

The Chief. An extremely attractive semi-double variety of large size. Brilliant scarlet and gold.

Venus. Single; lilac-pink with lavender shading.

All above varieties: 3, 85c; doz. \$3.00;
25, \$5.50.

Cushion Type

Amelia (Pink Cushion). Very compact and early. Free-flowering light rose. Should be kept pruned back until early August for best results.

King Cushion. Identical with Amelia excepting that the flowers are deep bronzy salmon with a suffusion of rose.

Pygmy Gold. A very distinct dwarf double yellow Korean Pompon growing not over 15 inches tall and producing a great profusion of bright yellow flowers during September and October. A great acquisition and wonderfully appropriate companion to the Cushion varieties.

Queen Cushion. The same type as Amelia and King Cushion but producing pure white flowers.

White Gull. This variety is distinctly of the Cushion type in growth but the flowers, which are pure white, are more of a pompon shape.

All above varieties, 3, \$1.00; doz. \$3.50;
25, \$6.50.

Spoon Chrysanthemums

This new race of Chrysanthemums is a distinct addition to American gardens. The uniquely formed, graceful, tubular petals are flattened at the tips to resemble a spoon—hence the name. The structure of the whole flower is of pleasing form and the color range includes pink, white and yellow. Why not plant some of these new Chrysanthemums in your perennial border this year?

Pink Spoon

White Spoon

Yellow Spoon

1 each of 3 varieties	\$1.25
3 each of 3 varieties	3.25

Hardy Chrysanthemums Are Nature's Parting Gifts to the World

Convolvulus

**Mauritanicus*. Mats of blue Morning Glories from early June until frost. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Coronilla

Cappadocica. A glaucous mat emblazoned with a coronet of golden, pea-shaped flowers during late May, June, and July. Best in full sun. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Cytisus Andreanus Hybrids

We offer a valuable collection of these gorgeous Brooms of recent introduction. The large pea-shaped flowers are produced on long racemes.

Ariesenne. Amber-orange overlaid with crimson. Each \$1.25.

Monterey. A warm coppery orange. Each \$1.25.

Rosenante. Veined satiny cream, overlaid with heavy markings of mahogany. Each \$1.25.

MICHELL'S MODERN HYBRID DELPHINIUMS

In every garden of distinction you will find a generous use of Modern Delphiniums.

They are majestic in their towering splendor of their perfect spikes, in their range of exquisite blues, purples, and mauves, and all the subtle nuances relating these shades.

The plants we offer are carefully selected seedlings of the English Prize-winning Strains checked as to type, while in bloom.

Named Varieties of Michell's New Modern Delphiniums

Advancement. Strikingly beautiful color—rich mauve. Each \$3.50.

Blue Queen. Single. Azure-blue, with blackish brown center.

Clive Graves. Rich porcelain-blue flowers of good form.

Constance. A lovely blue single, with white eye.

Countess Cowley. Light blue and mauve, with black eye; semi-double flowers of wonderfully fine form.

Edward Bromet. The purplish blue ground is rich and the white eye extremely large. 5 ft. Glory. Mauve, shaded rose. 4 ft.

Great Strides. Pale blue, shaded mauve, with a white eye.

Happy Thought. Medium blue, shaded pansy-violet. 5 ft.

Mrs. A. J. Watson. Deep mauve shade with black center.

Mrs. Norman Holden. Large, semi-double flowers of mauve and blue with large black eye. An excellent variety. 5 ft.

Mrs. Shirley. Lovely lilac-mauve, white and sulphur eye.

Mrs. Townley Parker. Sky-blue, single, with white eye.

Norah Phillips. A gorgeous effect of deep blue and purple florets on a tapering 6-ft. spike.

Pacific Giants. This new strain, developed in California, carries a fine range of colors and the structure of the best foreign varieties. Our plants have been grown from the originator's own stock. Strong plants, each 80c; 3, \$2.25; doz. \$8.00.

R. A. Pilkington. Rich violet, edged dark blue, with brown eye. Spike well formed. 5 ft.

The Bishop. Bright royal blue, white center. 5 ft.

The Shah. A deep rosy lavender self with dark eye. 5 ft.

Tower of Snow. These are grown from the finest hand-pollinated white hybrid Delphiniums. The spikes are long and imposing. Strong plants, each 80c; 3, \$2.25; doz. \$8.00.

Watkin Samuels. Rich blue and mauve. Each \$3.50.

All named varieties of Michell's New Modern Delphiniums, except where noted, each \$2.00.

Young plants, from 3½-inch pots, that will flower in July and August, each \$1.25.

VARIETIES MARKED * ARE SUITABLE FOR ROCK GARDENS



Shasta Daisy, Chiffon

New Shasta Daisies

Alaska. Blooms 4½ to 5 inches across, of pure glistening white, in bloom all summer and fall. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Chiffon. A daintily frilled Shasta which grows about 1½ feet high. Its flowers are formed by a double row of narrow petals, frilled and flared at the edges. The center is clear yellow and the flower is about 3 inches in diameter. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Esther Reed. A new, double, snow-white Shasta Daisy that grows 15 to 18 inches tall and blooms freely throughout the summer. Flowers are about 4 inches across and full double from the center out. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Mount Shasta. A beautiful pure white, high-crested, full double Shasta Daisy with a double row of overlapping petals 4 inches in diameter. Blooms continuously from late spring till frost. Sturdy and erect stem 20 to 24 inches long. Excellent for cutting and show garden. 3, \$2.25; doz. \$8.00; 25, \$15.50.

White Swan. Here is a Daisy that will compare with the double Pyrethrums. It produces solid, double, pure white flowers on wiry stems 1½ to 2 feet long during late May and early June. 3, \$1.50; doz. \$4.00; 25, \$7.50.

Dianthus - Pinks

Beatrix. Light salmon-pink. May-November.

Bobbie. A deep pink gem.

Cesius (Cheddar Pink). (True.) Compact

cushions of blue-gray foliage with sweetly scented rose-pink flowers during May and June.

Delight. A cross between Dianthus Roysi and Sweet Wivelsfield. The plant is dwarf and compact and is covered with many flowers of exquisite coloring.

Little Joe. A delightfully fragrant compact plant with vivid red flowers.

Loveliness. Delicate mauve-pink flowers from May on through the summer. Very fragrant.

All Dianthus, 3, \$1.25; doz. \$4.50; 25, \$8.50.

Dicentra (Diyelstra)

***Eximia** (Fringed Bleeding-Heart). A dwarf-growing variety with beautiful finely cut foliage and showy racemes of pretty pink flowers throughout the season. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Spectabilis (Bleeding Heart; Seal Flower). Its long sprays of graceful, heart-shaped flowers are always attractive. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Digitalis - Foxglove

Giant Shirley, Mixed. These are a genuine Shirley production of extraordinary size and vigor. The flower-heads are over 3 feet long, crowded with large, bell-shaped blossoms, ranging in color from white and shell-pink to deepest rose. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Dictamnus - Gas Plant

Fraxinella caucasica. A showy border plant with spikes of pink flowers. Fragrant foliage. 2 to 3 ft. July.

Fraxinella albus. The white-flowered variety of the above. 2 to 3 ft.

All Dictamnus, 3, \$1.25; doz. \$4.50; 25, \$8.50.

Doronicum - Leopard's-Bane

Bunch of Gold. Canary-yellow sun discs on 24-inch stems. May and June.

Excellum. A very showy, Daisy-like flower of clear bright yellow, excellent for cutting. Blooms in April and May.

All Doronicum, 3, \$1.15; doz. \$4.00; 25, \$7.50.

*Erodium

Chamaesyce roseum. Forms tufts of pretty glossy leaves covered with delicate pink, veined flowers on 2-inch stems. Plant in full sun. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Eupatorium

Coeruleum. A pretty hardy plant with light blue flowers similar to Ageratum. Flowers in September. 3, \$1.00; doz. \$3.50; 25, \$6.50.

HENRY F. MICHELL CO.

Hardy Chrysanthemums Are Nature's Parting Gifts to the World

Fuchsia

Megellanica. This most interesting shrub has proved to be perfectly hardy. The ruby-red, pendulous flowers are produced by the hundreds. \$1.50; doz. \$5.50; 25, \$10.50.

Riccartoni Scarlet Beauty. This improved variety of hardy Fuchsia is of upright habit and blooms freely during the entire summer. While it will stand full sunlight, it will reach perfection in semi-shade. The four sepals are deep purple, the corolla bright ruby-red. Requires some protection north of Philadelphia. 3, \$1.95; doz. \$7.00; 25, \$13.50.

Funkia (Hosta)

(Plantain Lily; Day-Lily)

Subcordata grandiflora. Very large, pure white, Lily-shaped, fragrant flowers. 2½ to 3 ft. Aug., Sept.

Undulata media picta. Green and white variegated foliage. Purple flowers. 2 ft. July.

All Funkias, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Gaillardia - Blanket Flower

Grandiflora. Dark brown center, surrounded with a rich orange disc; petals on outer edges yellow. 3, \$1.00; doz. \$3.50; 25, \$5.50.

Mr. Sherbrook. The full, circular flowers are of rich golden yellow with a pale yellow center, unstained by any other color.

Ruby. This is a brilliant red with no trace of yellow or brown in its make-up. Blooming all summer, as do few other perennials.

Sun God. This glorious Blanket Flower never fails to attract attention. The plants are of neat, upright growth, about 2 feet tall. Foliage gray-green with flowers of pure golden yellow, free from marking of any kind.

Any of the above, except where noted, 3, \$1.50; doz. \$5.50; 25, \$10.50.

★ Geum - Avens

Borisii. Forms neat foliage tufts with many branched stems 8 to 12 inches high, covered with large, vivid orange-scarlet flowers from May to October.

Fire Opal. Dazzling rich scarlet flowers with orange sheen, often measuring 3 inches in diameter. Very fine flowering. May-Oct.

Princess Juliana. An excellent new hybrid with large, double, pure orange flowers on stout stems. Early. June-Oct.

Any of the above, 3, \$1.50; doz. \$5.50; 25, \$10.50.

Gentiana

***Acaulis** (Stemless Gentian). Very large, bell-shaped, rich blue flowers, marked on the inside with yellow, rising 2 to 4 inches high from rosettes of glossy, deep green leaves in May and June. 3, \$2.25; doz. \$8.00; 25, \$15.50.

Septentifida. A gorgeous variety with handsome blue flowers produced freely during the summer. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Gypsophila - Baby's Breath

Bristol Fairy. A wonderful improvement over G. paniculata fl.-pl. It is a distinct new form, producing immense panicles of pure white, double flowers very early in the season and continuing until frost.

Oldhamiana. Abundant masses of white flowers delicately tinted pink. In bloom from August until late fall. 3½ ft.

Paniculata. Feathery sprays of white flowers. Useful for effects in bouquets. 3, \$1.00; doz. \$3.50; 25, \$6.50.

***Repens.** Beautiful trailing plant for the rockery, with clouds of small white and pink flowers during July and August. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Rosy Veil. Dwarf. A real pink, free-flowering, double Gypsophila. Flowers are about the same size as Bristol Fairy and bloom continuously until frost.

All Gypsophilas, except where noted, 3, \$1.50; doz. \$5.50; 25, \$10.50.

VARIETIES MARKED * ARE SUITABLE FOR ROCK GARDENS



Geum, Fire Opal and Princess Juliana

Helleborus

Niger (Christmas Rose). Particularly valuable hardy plants on account of their very early flowering. Flowers white, flushed with purple, about 2 inches in diameter. 1 ft. 3, \$2.85; doz. \$10.00; 25, \$19.50.

Helenium - Sneezewort

Autumnale nonum luteum. Very erect, strong branching habit. Large pure yellow flowers. 3 ft.

Autumnale rubrum. Bright terra-cotta red. 4 ft.

Moorheim Beauty. A valuable border plant of erect, strong habit. Broad bronzy red petals, shading to orange at the tips. Aug., Sept. 2½ ft.

Peregrina. Blooms shining dark mahogany with the edges of the petals faintly saffron golden yellow. A most impressive July- and August-flowering perennial, excellent for cutting. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Riverton Beauty. Rich lemon-yellow, with large purplish black cone. 4 ft. Aug., Sept.

All Heleniums, except where noted, 3, \$1.15; doz. \$4.00; 25, \$7.50.

★ Helianthemum (Rock- or Sun-Rose)

Perry's Hybrids. Low-growing, evergreen plants forming broad clumps which, during their flowering season, July to September, are hidden by a mass of bloom. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Helianthus (Hardy Sunflower)

Coronole. Double yellow flowers, 4 inches across, with anemone centers. All summer. 4 to 5 ft. 3, \$1.25; doz. \$4.50; 25, \$8.50.

Loddon Gold. Full, double yellow flowers on long stems. All summer. 4 to 5 ft. Fine for cutting. 3, \$1.25; doz. \$4.50; 25, \$8.50.

Multiflorus fl.-pl. Large, double, golden yellow flowers. July, Aug. 4 ft. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Heliopsis

Incomparabilis. The flowers are a rich golden yellow, nearly double, and over 3 inches in diameter. In flower continuously from July until autumn. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Patula. Deep golden blooms, 4 inches across, produced from June until hard frost. 3 ft. 3, \$1.50; doz. \$5.50; 25, \$10.50.

The New Hybrid Hemerocallis

Bay State. Medium-sized flowers of pure deep rich yellow. Late June. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Dazzler. Large flowers of a rich deep golden yellow. Early July. 3, \$2.25; doz. \$8.00; 25, \$15.50.

D. D. Wyman. A graceful bloom of light golden yellow with tawny splash across center of petal. July. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Dover. Well-formed, graceful, golden yellow flowers during May and June. 3, \$1.25; doz. \$4.50; 25, \$8.50.

George Yield. The three outer petals are of rich orange, while the inner petals are flushed and mottled with orange-scarlet. 3, \$1.25; doz. \$4.50; 25, \$8.50.

Gypsy. The color is deep orange with reddish shadings. It is not a large flower but the form is exquisite. 3, \$1.25; doz. \$4.50; 25, \$8.50.

Hyperion. The flowers are a fine citron-yellow, produced in great numbers on stout stems about 40 inches tall. 3, \$1.50; doz. \$5.50; 25, \$10.50.

J. A. Crawford. The flowers are of fine size and a brilliant combination of apricot and cadmium-yellow. Early July. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lemon. Broad-petaled recurved clear canary-yellow flowers of excellent form. Mid-June and July. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Mikado. Large, deep orange with lower petals marked maroon. Early June. 3, \$1.80; doz. \$6.50; 25, \$12.50.

Mrs. W. H. Wyman. Very fine round clear gold flowers during July and August. 3, \$1.15; doz. \$4.00; 25, \$7.50.

The Gem. Medium-sized flowers of clear gold in late June and July. 3, \$1.15; doz. \$4.00; 25, \$7.50.

★ Heuchera

(Alum-Root; Coralbell)

Rosamonde. Pleasing coral-pink flowers on long stems. June-Sept. 2 ft.

Sanguinea, Pluie de Feu. Exceedingly bright fiery red flowers in loose, elegant, graceful spikes. June, July. 1½ ft.

Sanguinea Hybrids. A wonderful range of colors from white through the various shades of pink to deepest red.

All Heucheras, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Hibiscus - Mallow

Giant-Flowering. A wonderfully improved form of our greatly admired Marsh Mallows. Beautiful laciniated foliage and monstrous flowers. We offer these in separate colors: Pink, Red, and White. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Hollyhocks

Double. Our strain of these is very fine, and we offer them in separate colors only: Yellow, Crimson, Pink, and White.

Single, Mixed. They are of stronger growth than the double-flowering type and consequently make a better showing. We can supply these in mixed colors only.

All Hollyhocks, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Hypericum - St. John's-Wort

Mosorianum. Free flowering. Large flowers 2 to 2½ inches in diameter, rich golden yellow. 2 ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

*** Iberis - Hardy Candytuft**

Little Gem. A perfect gem of very dwarf habit, not over 6 inches high, with masses of white flowers in May.

Sempervivens. Dwarf. Pure white flowers in June. Its uniform neat habit makes it one of our best rock or edging plants.

All *Iberis*, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Iris Cristata - Crested Dwarf Iris

A tiny native species growing from 4 to 6 inches high, with delicate, pale lilac flowers in May and June. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Iris Germanica - Fleur de Lis

Alta California. It is the tallest of all the new yellow Iris. Yellow Iris have long been recognized as being the "spark" that brings out the fullest beauty of any Iris garden and Alta California serves this purpose to perfection. 48 in.

Buechley's Giant. Early. An Iris giant in size and height and one of the ten largest and best. Huge, brilliant flowers of perfect form in a soft to medium blue effect. 50 in.

Coppersmith. A very tall and robust-growing Iris. Not a new variety but worthy of a place in the garden because of its freedom of bloom, large rich copper-bronze flowers, and good foliage.

Indian Chief. Early. Without a peer among the medium tall rods of its color shade and blooms earlier than most when good "red" Iris are scarce. Bronzy violet standards with falls of Dahlia-carmine. 32 in.

Jean Ceyoux. A smooth soft light buff described as "coffee-colored." Tall and very stately. 36 in.

Los Angeles. The whiteness of fresh snow with a faint edge of lavender. 40 in.

President Pilkington. Midseason. Large, of bold form, well-branched, many buds to stalk and medium tall. Standards vinaceous buff underlaid old gold, with falls of soft violet faintly edged silvery brown. 40 in.

Venus de Milo. Gigantic new white. Considered by many as the best white. A perfect flower in every way. 36 in.

William Mohr. Early. Most Orchid-like of all Iris, this unusual hybrid is the most distinct variety grown. The ground-color is pale lilac, standards flushed darker, the whole flower beautifully veined manganese-violet. Stems strong and rigid, 20 to 24 inches.

Any of the above, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Iris Kaempferi

Astarte. Beautiful double dark violet; good strong grower. It is a valuable variety for the reason that it flowers about 2 weeks after most of the others are through, thus lengthening the Iris season.

Betty F. Holmes. Large double pure white flowers with lemon-yellow midribs. Foliage is a striking deep green and very graceful.

Gold Bound. Double; creamy white with gold band through each petal.

Jeanette Parry. A large single flower with white falls, delicately veined soft blue, tiny mulberry-purple standards. Grows to a height of 30 inches.

Lucia Marshall. A fine large double Pansy-violet with white veins; center of flower white with yellow spots.

Mahogany. Large double blooms of purple-mahogany-red. Late.

Melpomene. Semi-double; red with heavy white veins; stigmas cream, edged with violet-rose.

Respime. Giant double light blue flowers with white margins; stigmas ivory. A most unusual and attractive effect.

Rose Anna. Double; ivory-white with heavy ruby-red veins and conspicuous yellow blotch; stigmas dark plum.

All *Iris Kaempferi*, 3, \$1.15; doz. \$4.00; 25, \$7.50.

VARIETIES MARKED * ARE SUITABLE FOR ROCK GARDENS

*** Iris Pumila Hybrida**

An early-flowering type, growing from 10 to 12 inches high.

Cyanea. Rich royal purple. 10 in.

Excelsa. A splendid soft lemon-yellow flower of graceful form. 10 to 12 in.

Schneekuppe. Pure white. 8 in.

All *Iris pumila hybrida*, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Iris Sibirica

Perry's Blue. A worth-while variety with very large, clear blue flowers on long stems.

Snow Queen. Pure white. 24 in.

Both *Iris sibirica*, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Iris Verna

A delightful companion to the chaste Iris cristata. The flowers are of a deeper hue and delightfully fragrant. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lavandula - Lavender

Vera. The true Sweet Lavender with delightfully fragrant blue flowers in July and August. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Liatris - Blazing Star; Gayfeather

Pycnostachya. Showy, attractive native plants, succeeding anywhere, and producing spikes of light rosy purple flowers in July and August. 5 ft.

Scariosa. Deep purple flowers. 3 to 4 ft.

Scariosa alba. A white variety of this beautiful and unusual species. The showy white spikes create a most striking effect. 3, \$1.50; doz. \$5.50; 25, \$10.50.

September Glory. It is very showy, the purple flowers being produced on extra-long spikes during late August and September. 3, \$1.50; doz. \$5.50; 25, \$10.50.

All *Liatris*, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.



Liatris pycnostachya

*** Linum - Flax**

Flavum, Improved. Golden yellow flowers produced freely from early May on. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Perenne. Light, graceful foliage and large blue flowers all summer. 3, \$1.00; doz. \$3.50; 25, \$6.50.

*** Lithospermum - Gromwell**

Prostratum, Heavenly Blue. This delightful alpine shrub produces mats of dark green foliage and many sky-blue flowers during spring and early summer. 3, \$2.25; doz. \$8.00; 25, \$15.50.

Lobelia

Cardinalis (Cardinal Flower). Rich fiery cardinal flowers. 2 to 3 ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lupinus - Lupines

Polyphyllus. These flower in May and June and are 3 to 4 feet high. **Blue** (very showy), **White**, or **Pink**. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Russell Lupins

This new strain of perennial Lupins has caused a sensation in horticultural circles. The long, closely furnished spikes come in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bicolors never before seen in Lupins. 3, \$2.25; doz. \$8.00; 25, \$15.50.

Lysimachia

***Nummularia (Creeping Jenny; Money-wort).** Valuable for planting under trees or shrubs where grass will not grow. It quickly forms a dense carpet. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Lychnis - Campion

Arkwright. Extra-large flowers in red shades. June-flowering. 9 in.

Chaledonica. A most desirable plant with heads of brilliant orange-scarlet flowers in June and July. 2 to 3 ft.

Viscaria splendens fl.-pl. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome deep red flowers. 1 ft.

Any of the above *Lychnis*, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Lythrum

Salicaria roseum superbum (Rose Loosestrife). A strong-growing plant, thriving in almost any position. Large spikes of rose-colored flowers. July to September. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Matricaria - Feverfew

Little Gem. Pure white, double flowers, fine for cutting. 1 pt. July, Aug. 3, \$1.00; doz. \$3.50; 25, \$6.50.

*** Mazus**

Rugosus. Loose, trailing masses of blue and white flowers, speckled with gold in the throat. 3, \$1.00; doz. \$3.50; 25, \$6.50.

*** Menziesia**

Polifolia (Irish Heath). A pretty heath-like plant well adapted for the rockery or borders of evergreen shrubs. Makes an attractive low hedge with a little trimming. 3, \$1.80; doz. \$6.50; 25, \$12.50.

Mertensia - Bluebells

Virginica. An early spring-flowering plant growing 1 to 1 1/2 feet high, with drooping panicles of light blue flowers fading to clear pink. 3, 85c; doz. \$3.00; 25, \$5.50.

Monarda - Bergamot

Didyma, Cambridge Scarlet (Oswego Tea). Crimson-scarlet. 3, 85c; doz. \$3.00; 25, \$5.50.

*** Myosotis - Forget-Me-Not**

Palustris somperflorens (Perpetual-Flowering Forget-Me-Not). Blue with yellow throat. 9 in. 3, 85c; doz. \$3.00; 25, \$5.50.

VARIETIES MARKED * ARE SUITABLE FOR
ROCK GARDENS

***Nepeta**

Mussini. A compact grower forming tufts of small violet-blue flowers during July and August.

Six Hills Hybrids. Masses of strong lavender-blue flowers in late August. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Souv. d'André Chaudron. Large, rich lilac-blue flowers, June to September. 1 ft.

All **Nepetas, except where noted,** 3, \$1.00; doz. \$3.50; 25, \$6.50.

***Nierembergia - Cup-Flower**

Hippomanica. A truly beautiful plant forming cushions of light green foliage with silver-shaped flowers of delicate lavender hue with clear yellow eye. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Rivularis (White-Cup). A lovely dwarf creeping plant with large, cup-shaped flowers from June until September. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Oenothera - Evening Primrose

Illumination. A new everblooming Evening Primrose with deep golden yellow flowers and dark red buds in flat trusses. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Missouriensis. Large, golden yellow flowers. 1 ft.

Yellow River. A highly improved form of *Fruticosa major* and more free-flowering. 8 to 10 in. All summer. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Youngi. Bright yellow flowers. 1½ ft. All **Oenotheras, except where noted,** 3, \$1.15; doz. \$4.00; 25, \$7.50.



Peony, Baroness Schroeder



Phlox, E. I. Farrington

Michell's Giant-Flowering Peonies

ORDERS FOR PEONIES TAKEN

Baroness Schroeder. A tall midseason Peony with large, globular, flesh-white blooms. Each 85c.

Edulis Superba. The only Peony offered that is rated under 8, and there is no reason why it should carry this low rating as it is really a good Peony—early, free-flowering, and a fine cut flower in the dark pink class. Each 60c.

Felix Crousse. Late midseason red Peony. Probably the largest seller of all in its color. Each 60c.

Festiva Maxima. One of the oldest of the white Peonies and some say the very best. A sure bloomer. Early. Each 60c.

Karl Rosenfield. Tall; midseason. Globular semi-rose type flowers of bright crimson. Each 85c.

Kelway's Glorious. Creamy white with slight flecks of crimson. Very fragrant and considered one of the very best white Peonies. Late midseason. Each \$1.50.

Mary Brand. Dark clear crimson. A very free-flowering Peony and where quantities of red flowers are wanted this is an excellent one to handle. Midseason. Each 60c.

FOR FALL DELIVERY ONLY

Longfellow. One of the most popular red varieties because of its distinct fadeless color and general dependability, both for cutting and garden decoration. Comes into bloom early midseason. Excellent foliage and long stiff stems. Each \$1.00.

Mons. Jules Elie. A large early-flowering Peony. One of the very best for cutting. Pale lilac-rose with an attractive silvery reflex. Each 60c.

Reine Hortense. A very large pink, with rather flat bloom. Considered one of the very best of the cut-flower varieties. Free-flowering. Blooms in midseason. Each 60c.

Sarah Bernhardt. Very large, late rose-pink flowers. One of the very best for exhibition and cutting on account of its perfectly formed flowers and graceful stems. Blooms very freely. Each 60c.

Walter Faxon. Coral-pink—the most distinctive coloring of all Peonies. It is free-flowering and when picked in the bud and allowed to open inside its beauty is very striking. However, it fades quickly in sunlight and should be picked in the bud. Midseason. Each \$1.00.

Michell's Hardy Phlox

Phlox Collection

Dr. Klemm
Eva Foerster
Mary Louise

Harvest Fire
Painted Lady
Salmon Glow

One each of 6 varieties, \$2.25; three of each for \$6.25.

Early-Flowering Varieties

Miss Lingard. Pure white, with a lilac eye. Very early. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Nivalis Seedling. The large flowers are a warm luscious pink with a bright zone. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Rosalinda. Lovely soft amaranth-pink blooms from June until frost. 3, \$1.15; doz. \$4.00; 25, \$7.50.

***Phlox Subulata - Moss Pink**

Aiba. Evergreen foliage, close to the ground and covered with starlike white flowers in May.

Apple Blossom. Dwarf, compact grower, covered with a profusion of apple-blossom-pink flowers.

Atropurpurea. Rich French-purple flowers. Very free flowering and outstanding.

Blue Hills. A uniform, compact grower giving an early crop of deep blue flowers.

Vivid. A new introduction with bright rose-colored flowers.

All **Phlox subulata**, 3, \$1.00; doz. \$3.50; 25, \$6.50.

New Compact Varieties

Alice Wilson. Bright lavender-blue. **Ronsdorf Beauty.** Lovely pink with deep coramine center.

Snow White. Small, pure white flowers. All **New Compact Phlox**, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Miscellaneous Hardy Phlox

Amoena. A beautiful plant with soft rose-colored flowers. April, May.

Divaricata (canadensis). The large heads of fragrant, lavender flowers appear the latter part of April and in May.

Divaricata Laphami. The plant is robust, the flowers large, and of a more intense shade of lavender-blue. 3, \$1.15; doz. \$4.00; 25, \$7.50.

All **Miscellaneous Phlox**, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.

The double Pyrethrums are unique cut flowers for flower arrangement

Pachysandra

Terminalis. An evergreen, trailing plant with thick, glossy green foliage forming a dense mat. One of the finest ground-covers. Strong plants, doz. \$1.65; 25, \$3.50; 100, \$12.50.

Papaver Alpinum

Like a small and more delicate Iceland Poppy, having flowers of white, pink, orange, or yellow, often delicately fringed. Grows about 4 inches high. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Iceland Poppies (Papaver nudicaule)

Amurensis. Its flowers are about 3 inches in diameter, clear bright yellow, with lighter centers.

Cocora Pink. A charming warm rose-pink faintly suffused with salmon-pink. Flowers are freely produced on long, slender stems throughout the season.

Iceland Poppies: 3, \$1.15; doz. \$4.00; 25, \$7.50.

Oriental Poppies (Papaver orientale)

Beauty of Livermore. The finest dark crimson with jet-black blotch. Excellent flowers borne in great profusion.

Mrs. Perry. Beautiful large flowers in a soft shade of salmon-rose.

Olympia. New double variety. Brilliant scarlet flowers overlaid with golden salmon.

Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal.

Salmon Glow. Large, cup-shaped, double flowers resembling a double Peony. Warm pink, overlaid with salmon. Small plants only. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Wurtembergia. One of the finest rich orange-red varieties.

All Oriental Poppies, except where noted, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Pentstemon - Beard Tongue

Barbatus Torreyi. Spikes of brilliant scarlet flowers. 3 to 4 ft. June-Aug.

Blue Gem. A beautiful evergreen with spikes of bright, tubular flowers shot with pink. 1½ ft. June, July. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Coral Gem. Coral-pink flowers in large spikes.

Fireglow. A new free-flowering variety and highly recommended by experts. Very hardy. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Garnet. Large, tubular flowers of rich garnet color. 18-inch stems from early June until frost. 3, \$1.50; doz. \$5.50; 25, \$10.50.

All Pentstemons, except where noted, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Physostegia - False Dragonhead

Grandiflora, Vivid. A new variety growing from 1½ to 2 feet high, bearing a profusion of bright violet-mauve flowers. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Physalis - Chinese Lantern Plant

Franchetii. Dense bushes about 2 feet high, producing freely bright orange-scarlet, lantern-like fruits. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Platycodon - Balloon Flower

Grandiflorum. Deep blue, cupped, star-shaped flowers. 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Plumbago - Leadwort

Larpetiae. It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the summer and fall months. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Pulmonaria - Lungwort

Angustifolia azurea (Blue Cowslip). Grows about 1 foot high and is one of the first to bloom in early spring. The attractive, funnel-shaped flowers are a deep gentian-blue. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Polemonium - Jacob's Ladder

Blue Pearl. Has elegant, deep green, finely cut foliage and showy spikes of attractive baby-blue flowers. April and May. 3, \$1.15; doz. \$4.00; 25, \$7.50.

*Primula, Hardy

Acaulis, Blue Shades. Large, single flowers in various shades of blue on strong stems.

Acaulis fl.-pl., Lavender Queen. A very free-flowering variety with double lavender flowers on 6- to 8-inch stems. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Auricula. The leathery leaves are particularly attractive and the large, round flowers come in appealing shades of many colors.

Bessonia. Whorls of velvety purple flowers during late May, June, and July. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Bulleyana. One of the loveliest of the Chinese section, with heads of terra-cotta to orange-yellow flowers produced in tiers. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Cashmeriana. The earliest Primrose to bloom in the spring. Deep orchid-lavender flowers in dense heads. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Giant Bouquet. Flowers are produced in great numbers and display an immense variety of colors, from white to cream, yellow, scarlet, purple and crimson.

Japonica, Etna. Whorls of glowing terra-cotta on 2-foot stems in May, June, July.

Moerheimi. An excellent strain of Hybrid Japonica forms, in shades of yellow, orange, pink, and lilac, on stems 2 feet high. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Munstead Giants, Mixed. A magnificent strain of bunch Primroses, with flowers of large size in wonderful shades of yellow, from cream to rich orange.

Red Shades. The above strain in a variety of red hues.

Yellow Shades. Yellow varieties of the Munstead Strain.

Veris (English Cowslip). A mixture comprising the various shades of red and yellow.

Vulgaris (English Primrose). Trusses of light canary-yellow flowers on long stems.

All Primulas, except where noted, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Pyrethrum DOUBLE PYRETHRUMS

Brilliant. A glowing and striking crimson of exquisite form and texture.

Buckeye. Double flowers of a crushed raspberry color.

Lord Roseberry. Magnificent double flowers of a glowing pink.

Miami Queen. This luscious deep pink variety has instant recognition for its merits.

Pink Bouquet. A robust, double Pyrethrum with large rosy pink flowers; white centers. 2½ ft.

Purity. Double; pale pink.

Victory. Probably the best double clear white.

All Double Pyrethrums, 3, \$2.25; doz. \$8.00; 25, \$15.50.



Double Pyrethrum

Pyrethrum Roseum Hybridum

Single-Flowering, Mixed. A good old-fashioned perennial with flowers resembling colored Daisies and blooming in June. Comes in mixture only, ranging from pure white to dark red. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Rudbeckia - Coneflower

Autumn Forest. The colors are a fine blend of the autumnal tints of red, brown, and bronze. In bloom from early July until October. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Purpurea (Giant Purple Coneflower). Flowers about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped center of brown. July to October. 3, \$1.00; doz. \$3.50; 25, \$6.50.

*Saxifraga - Saxifrage; Rockfoil

Cordifolia. Rosy pink flowers. Extra-strong plants. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Salvia - Sage

Azura grandiflora (Rocky Mountain Sage). Sky-blue flowers in greatest profusion during August and September. 6 ft.

Pitcheri. Similar to Azura but of more branching habit and larger flowers of rich gentian-blue. 3 to 4 ft.

All Salvias, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Santolina - Lavender-Cotton

***Chamaecyparissus (incana).** A dwarf evergreen perennial with attractive, silvery white foliage. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Pinnata. An excellent variety for edging, producing compact mounds of deep green, highly aromatic foliage, overlaid with pale yellow flowers in summer. 8 in. 3, \$1.50; doz. \$5.50; 25, \$10.50.

*Saponaria - Soapwort

Ocydomea splendens. A good subject for the border or rockery, producing freely masses of bright rose-pink flowers. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Scabiosa

Caucasica. A delicate shade of lavender-blue, starting to flower in June and lasting well through the summer.

Caucasicia, Giant Blue. Flowers large and with long stems, ranging from light lavender to dark blue.

Isaac House Giants. Lavender-blue flowers on strong 18-inch stems from June until September.

All Scabiosas, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Sedum - Stonecrop

*DWARF VARIETIES

Acre (Golden Moss). Green foliage and bright yellow flowers.

Album. Dark green foliage. Pure white flowers in June.

Lydium glaucum. Glaucous green foliage. Pink flowers.

Nevi. Compact rosettes of silver-gray, close-set into a mosaic. Pink flowers in midsummer.

Sieboldii. Round, succulent, glaucous foliage. Bright pink flowers during August and September.

ERECT-GROWING SEDUMS

Spectabile. A pretty, erect-growing variety with broad, light green foliage and immense heads of showy, rose-colored flowers during the autumn. 1½ ft.

Spectabile, Brilliant. A rich-colored form of the above, being a bright amaranth-red.

All Sedums, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Stachys - Woundwort

Grandiflora (rosea). Large purple-rose flowers. 15 in. June, July. 3, \$1.00; doz. \$3.50; 25, \$6.50.

HENRY F. MICHELL CO.

Viola Jersey Gem is a continuous blooming border plant

*Statice Limonium (Sea-Lavender)

Latifolia (Great Sea-Lavender). Handsome plants with heads of dark blue flowers that when dried last for months. 1 to 2 ft. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Stokesia - Cornflower Aster

Cyanæa. The very light blue flower has the appearance of combining a giant Cornflower and an Aster. Blooms from June until frost.

Cyanæa alba. Pure white form of above.

All Stokesias, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Sweet William (Dianthus barbatus)

Michell's Prize Mixture. All colors.

Pink Beauty. Sometimes called "Newport Pink." An excellent shade of salmon with immense flower trusses.

Scarlet Beauty. A beautiful shade of deep scarlet.

All Sweet Williams, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Teucrium - Germander

Chamaedrys. An evergreen plant of dwarf, shrubby habit with glossy, aromatic foliage. Spikes of purple flowers during July and August. 1 ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Thalictrum - Meadow-Rue

Adonisfolium. A beautiful variety, with foliage like the Maidenhair Fern and miniature white flowers in June and July. 1½ to 2 ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Dipterocarpum. A distinguished variety with beautiful fernlike foliage and bearing a profusion of lilac-mauve blooms brightened by numerous yellow stamens. Aug., Sept. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Thermopsis

Caroliniana. A showy, tall-growing plant producing long spikes of yellow flowers during June and July. 3 ft. 3, \$1.15; doz. \$4.00; 25, \$7.50.

*Thymus - Thyme

Serpulium albus (White Mountain Thyme). Forms dense mats of dark green foliage, with clouds of white flowers during June and July. 3 to 4 in.

Serpulium coccineum (Scarlet Thyme). Dark green foliage and bright red flowers.

Serpulium lanuginosus (Woolly-leaved Thyme). Grayish foliage with rosy lilac flowers.

Serpulium vulgaris aurea (citriodorus aureus). The golden leaved, lemon-scented Thyme.

All Thymus, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Trillium

(Wood Lily; Wake-Robin)

Grandiflorum. The largest white Trillium, and probably the handsomest, flowering in early spring. 1 to 1½ ft. 3, 65c; doz. \$2.50; 25, \$4.50.

Tritoma

(Red-Hot-Poker; Flame Flower; Torch Lily)

Mt. Etna. Of vigorous growth and remarkably free flowering. Blooms continuously from July until October, bearing enormous spikes of rich, glowing red flowers. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Fritzeri (Everblooming Flame Flower). In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Royal Castle Hybrids. These new hybrids contain a fine range of colors from deep orange to pale yellow. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Tower of Gold. A very distinct variety with beautiful, rich golden yellow and orange flowers in large trusses. 3, \$1.50; doz. \$5.50; 25, \$10.50.



Tritoma Pfitzeri

Trollius - Globe-Flower

Europaeus. Desirable, free-flowering plants, producing their giant bright yellow, buttercup-like blossoms from May until August.

Ledebouri, Golden Queen. A very showy variety, blooming in June and July. The rich golden yellow globes, with their prominent anthers, have a decorative grace. 2½ to 3 ft. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Orange Prince. Large orange flowers during May and June.

All Trollius, except where noted, 3, \$1.15; doz. \$4.00; 25, \$7.50.

*Tunica

Saxifraga rosea fl.-pl. A pretty, double-flowering form of Saxifraga. Perpetual flowering from June until late in the fall. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Veronica - Speedwell

Amethystina. Amethyst-blue flowers on short spikes. 2 ft. May, June.

Blue Spike. A hybrid of V. longifolia subssili and V. spicata which has retained the glorious dark color of subssili. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Erica, Blue. A neat, semi-dwarf form producing fine bushlets of dark green, covered with spires of gentian-blue during June and July. 1 ft.

Erica, Pink. A lovely pink form of the above, in bloom during June and July.

Inconia. Bright silvery foliage with spikes of amethyst-blue flowers during July and August. 1 ft.

Longifolia subssili (Japanese Speedwell). The handsomest blue-flowered plant we know, growing to a height of 2 feet and completely studded with its spikes of blue flowers; fine for cutting. Aug.-Oct.

Rupestris, Heavenly Blue. Dwarf and spreading. Flowers very early, of an exquisite shade of blue.

Rupestris, True Blue. Literally covers itself with blossoms of intense blue during June and July. 1 ft.

Spicata. Long spikes of bright blue flowers during June and July. 1½ ft.

All Veronicas, except where noted, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Valeriana - Valerian

Officinalis (Hardy Garden Heliotrope). Produces, during June and July, showy heads of rose-tinted white flowers, with heliotrope odor. 3 to 4 ft. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Verbena

Alpino (Maonetta pulchella). Producing masses of flowers of a deep cherry-pink striped with white, from early May until frost.

Peruviana. Brilliant red clusters produced in great profusion from early May until October.

All Verbenas, 3, \$1.15; doz. \$4.00; 25, \$7.50.

Viola Odorata - Sweet Violet

Double Russian. Perfectly hardy anywhere, producing double sweet-scented flowers in abundance. 3, \$1.50; doz. \$5.50; 25, \$10.50.

Viola Cornuta - Tufted Pansies NEWER HYBRIDS

Avalanche. Large flowers of pure white. Continuous bloomer.

Jersey Gem. Without doubt the best bedding Viola yet introduced, flowering continuously from April until heavy frost. Flowers pure violet, on stems about 6 inches long.

Maggie Mott. Large lavender flowers, heavy with fragrance. Continuous blooming and dependable.

Mary Emma. Exquisite yellow flowers of enormous size, slightly ruffled. Blooms continuously throughout the summer.

Purple Glory. Extra-large, rose purple flowers on stems 8 to 10 inches long.

Wedgewood. One of the best, producing beautiful Wedgewood-blue flowers. 3, \$1.35; doz. \$5.50; 25, \$9.50.

Yellow Queen. Another large-flowered type with deep pure yellow flowers.

ALL ABOVE VIOLA CORNUTA,
3, \$1.15; doz. \$4.00; 25, \$7.50.

IMPROVED VIOLA CORNUTA

Apricot Queen. Apricot-yellow, tinged with orange. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Arkwright Ruby. This variety is of the large-flowered type. Beautiful bright rosy crimson blooms with terra cotta shadings. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Luteo splendens. Rich golden yellow. 3, 85c; doz. \$3.00; 25, \$5.50.

VIOLETTA

Little Gem. This is a distinctly new race from England. Deep bluish purple flowers. 3, \$1.15; doz. \$4.00; 25, \$7.50.

*Vinca

(Periwinkle; Trailing Myrtle)

Alpina. This Vinca is a deep, glowing, velvety claret. Although endowed with a vigorous constitution, the habit is refined, compact, and never becomes straggly. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Bowles Variety. The foliage is a rich glossy green, of strong texture. Flowers are large, of a deeper rich blue and are borne with remarkable profusion. 3, \$1.00; doz. \$3.50; 25, \$6.50.

Minor. Green foliage. Lavender flowers. Extra-strong plants, 3, 65c; doz. \$2.50; 25, \$4.50.

Minor alba. A white-flowering form of the above. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Minor aurea. Golden variegated foliage and blue flowers. 3, \$1.15; doz. \$4.00; 25, \$7.50.

Yucca - Adam's Needle

Filamentosa. White, with reflexed flower bells. 3, \$1.25; doz. \$4.50; 25, \$8.50.

Michell's CLIMBING PLANTS and VINES

Vines play an important part in the landscape of the home. They fill so many purposes there that we cannot recommend them too highly for general use.

AMPELOPSIS quinquefolia (Virginia Creeper). Especially adapted to covering stumps and trunks of trees. Extra-strong plants, each 50c; 3, \$1.35; doz. \$5.00.

A. Veitchi (Boston Ivy). The popular climber for brick and stone buildings and walls. Leaves deep green which turn to a coppery red in autumn. Strong plants, each 60c; 3, \$1.65; doz. \$6.00.

ARISTOLOCHIA siphon (Dutchman's-Pipe). Quick-growing vines with handsome light green leaves that give a quick, dense shade. Brown flowers shaped like a pipe bowl. July. Large plants, each \$1.00.

BIGNONIA grandiflora, Mme. Gallen (Trumpet Vine). A strong-growing vine with rich green foliage and trumpet-shaped, dark red flowers with throats shaded orange. Free flowering. July, Aug. Strong plants, each \$1.00.

CELASTRUS scandens (Bittersweet; Waxwort). Rapid-growing vine that in early summer produces yellow flowers, which by autumn have turned to bright orange-colored fruits, with red markings. Extra-strong plants, each 50c; doz. \$5.00.

HONEYSUCKLE. See Lonicera.

HYDRANGEA petiolaris (Climbing Hydrangea). An outstanding early summer-flowering vine with great flat panicles of white flowers and enduring foliage. Each \$1.25.

IVY, ENGLISH (*Hedera Helix*). Plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. Strong plants, 3, \$1.00; doz. \$3.50; 25, \$6.50.

Clematis

This family of climbing plants is probably more popular than any other. Some of the small-flowering varieties are exceedingly fragrant. The large-flowering types make a glorious effect on account of their gigantic blooms and striking appearance. All Clematis delight in an abundance of sunlight, rich soil, and plenty of water in dry weather. Great care should be exercised in planting the large-flowering varieties, for during the process the stem is likely to get broken below the eye-shoots, which would render the plant useless. To guard against this, place a few stakes around the plant to protect it after planting. In the winter put a covering of straw, long manure, or leaves around the roots.

Crispa. Sweet-scented, lavender flowers. Each 85c.

Duchess of Albany. Brilliant pink, Lily-like flowers, trumpet-shaped at first, are produced in great quantities on a strong climbing plant from July to September. Each \$1.50.

Duchess of Edinburgh. Double, pure white flowers. The growth-habit of Duchess of Edinburgh suggests its use for pillar treatment. Each \$1.00.

Henry. Large, single, creamy white flowers, borne in great profusion. Extra-strong plants, each 85c.

Jackmani. Intensely colored, gigantic, violet-purple flowers. Extra-strong plants, each 85c.

Jouiniana, Spingarn Variety. Fragrant pale lavender flowers bloom from August until frost calls a halt to all growth. Each \$1.25.

Lawsoniana. Large flowers with overlapping petals, a long blooming season (June to September), and a strong, rich growth. Each \$1.25.

Montana rubens. Identical in every way with *C. montana undulata*, except that it is a pleasing shade of soft rose red, a most desirable color. Strong plants, each 85c.

Montana undulata (Anemone Clematis). A strong, vigorous, perfectly hardy type that succeeds under the most adverse conditions. The Windflower-like white flowers are flushed mauve. The best of the early spring-flowering climbers. Strong plants, each 85c.

Mrs. Cholmondeley. Usually described as Wisteria-blue. A dainty six-petal variety and very free flowering. Each \$1.25.

Nellie Moser. Red bars accentuate the pale mauve and white petals. Truly an unusual flower, profuse in its bloom and vigorous in its growth (10 to 12 feet). Each \$1.25.

Paniculata (Virgin's Bower). At the end of August innumerable starlike flowers cover the vine in a sheet of fragrant white. Extra-strong plants, each 50c; doz. \$5.00.

Prins Hendrik. Orchid-blue with ruffled petals, the blooms are rich in texture and are very large. An outstanding variety. Each \$1.50.

Ramona. A beautiful shade of lavender-blue. Each \$1.00.

Texensis. The curious little urn-shaped flowers of reddish rose are quite different from those of their large-flowered relatives but are equally as beautiful. Each 85c.

Ville de Lyon. Carmine-red. A very free-flowering and desirable variety. Each \$1.00.

KUDZU VINE (*Pueraria Thunbergiana*). This vine grows a foot a day and makes a dense covering that is exceedingly attractive. Toward the end of summer it produces small, rosy purple flowers. Each 35c; 3, \$1.00; doz. \$3.50.



Ampelopsis Veitchi—Boston Ivy

Lonicera - Honeysuckle

This favorite requires very little comment or description, always yielding a wealth of fragrant bloom.

Japonica aureo-reticulata. Variegated Chinese Evergreen Honeysuckle. Foliage beautifully mottled yellow and green. Flowers white and yellow.

Japonica chinensis (Chinese Evergreen). Very fragrant, red, yellow and white variegated flowers the entire season.

Japonica Halliana (Hall's Honeysuckle). Flowers pure white, turning to yellow; evergreen, flowers from June until frost.

Tellmanniana (Golden Giant Honeysuckle). Blooms profusely during the month of June and is perfectly hardy. A really fine new climber. Strong plants.

All Honeysuckles, strong plants, each 50c; 3, \$1.35; doz. \$5.00.

POLYGONUM Aubertii (Chinese Fleece-vine). Perfectly hardy and a quick grower, a small plant making 25 to 30 feet of growth the first summer. Long clusters of snowy white flowers which turn rose-color with age. It will not cling to the wall. Extra-strong plants, each 75c; 3, \$2.10; doz. \$7.50.

WISTERIA. This blooms in the latitude of Philadelphia during May. A strong, well-developed vine produces hundreds of flower panicles, while no foliage is visible until after the flower is faded.

W. Purple. Somewhat fragrant blooms. Extra-strong plants, each \$1.00.

W. White. Beautiful flowering form of the above. Extra-strong plants, each \$1.00.

W. Attractive Pink. Extra-strong plants, each \$1.25.

HEDGE PLANTS

New Red-Leaved Barberry

The foliage of this new variety is of a rich, lustrous, bronzy red. All that is required to develop its brilliant coloring at all seasons is that it be planted in full exposure to the sun. Strong plants, 15 to 18 in., 3, \$1.35; doz. \$5.00; 25, \$9.50.

Berberis Thunbergi - Barberry

A good hardy plant of low, dense growth. It is a brilliant light green from early spring to winter. In autumn the foliage is a bright crimson.

15 to 18-in. plants	... \$1.00	Doz. \$3.50	25
18 to 24-in. plants	... 1.25	4.50	6.50

California Privet

This most popular of all hedge plants should be set 1 foot apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other. This practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15 till the ground freezes, and from March 15 to May 15.

1-yr. 1½ to 2-ft. plants	doz. \$1.25; 100, \$7.00; 1000, \$60.00;	2-yr. 2 to 2½-ft. plants	doz. \$1.50; 100, \$9.00; 1000, \$80.00;	2-yr. 2½ to 3-ft. plants	doz. \$2.00; 100, \$10.00; 1000, \$90.00.
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Privet plants are best shipped by Express.

Golden or Variegated Privet

Like the California variety, but each leaf is marginated and blotched golden yellow, giving it, from a distance, a striking appearance. Bushy plants, each 75c.

Michell's Hardy Decorative Flowering Shrubs

A planting of shrubs, massed around the boundaries of a garden, forms a harmonious background against which the bright colored hardy perennial plants appear to their best advantage. There are many suitable locations for planting shrubs about the home grounds. The house foundation and the angles and corners should be softened by shrubs of medium height. Spiraea, Hydrangeas, Berberis, Deutzias, and others of a like nature will be found most suitable for this purpose.

Taller shrubs, such as Lilacs, Philadelphus, and Althaeas, are better planted along the sides and at the back of the grounds. Here they can be used to give a frame to the property, block out undesirable views, and serve as a screen for any purpose desired. Such group plantings should be made in the nature of borders, and the shrubs selected and arranged to give a continuance of bloom and pleasing foliage combinations, together with a fall and winter coloring of bark and berries.

ALTHAEA (Hibiscus). Rose of Sharon. These thrive almost anywhere, producing their bloom from July till September. 3 to 4 ft. plants, each \$1.00.

Azaleas

A family of dwarf, bushy shrubs bearing a great profusion of flowers in the spring. Very useful for planting in the shady border or in groups by themselves. Succeed best in a partially shaded position.

Hinodegiri. Another evergreen variety and one of the best, bearing fiery red, single flowers in great profusion. Very desirable on account of its color. Bushy plants, each \$2.50.

Kurume, Pink Pearl. Not a very large flower, but produced very freely. Very dainty, semi-double, pleasing salmon-rose. Strong, bushy plants, each \$2.50.

Mollis Mixed. The large flowers are produced in clusters on the ends of the shoots in May. Mixed colors only, varying from pale yellow to the deeper orange and even scarlet. Strong plants, each \$3.00.

BRIDAL WREATH. See Spiraea prunifolia.

Buddleias

Charming. A glorious new shrub bearing throughout the late summer and autumn elegant long sprays covered with lovely lavender-pink blooms which, compared with other Buddleias introduced up to date, are distinctly pink. Develops in July. Each 75c; 3, \$2.00.

Dubonnet. In sunshine and under the lamp it glows almost a true red. The firm cylindrical spikes are snugly set with individual flowers of good size that do not sunburn. The plant is of robust, erect growth with strong stems. Each 75c; 3, \$2.00.

Orchid Beauty. New. A splendid new variety of a soft catleya-lilac color with a brilliant orange eye. Long, tapering spikes, similar in form and size to the popular variety Charming. Each 75c; 3, \$2.00.

BEAUTY BUSH. See Kolkwitzia.

CALYCANTHUS floridus (Sweet Shrub). Chocolate colored, double flowers, with a peculiarly agreeable odor. Blooms in June. 2 to 3 ft. plants, each \$1.00.

CERCIS chinensis (Judas Tree; Chinese Redbud). A tall, slender growing shrub, developing eventually into a large tree. Very early in the spring the leafless branches are covered with delicate deep pink flowers. 2 to 3 ft. plants, each \$1.75.

CORNUS (Dogwood). This plant is well known. The flowers appear before the foliage in May and in autumn it takes on a rich crimson shade.

C. florida. White Flowering Dogwood. Strong, 3 to 4 ft. plants, each \$2.50.

C. florida rubra. Pink Flowering Dogwood. 3 to 4 ft. plants, each \$5.00.

CYDONIA japonica. This shrub is a beautiful sight in early spring when covered with cherry-red flowers, about the size of an apple blossom. Especially desirable as a specimen shrub for the lawn. Extra strong, 2 to 3 ft. plants, each \$1.00.



Azalea Hinodegiri

DEUTZIA gracilis. For planting either individually or in masses, they are very attractive. White flowers. Dwarf, bushy habit. 15 to 18 in. plants, each \$1.00.

DAPHNE Cneorum. A pretty dwarf, spreading shrub, 6 to 8 inches high. Valuable for the rockery or for the front of the border. Beautiful bright pink, sweet-scented flowers early in May. Strong plants, each \$1.00; large plants, each \$1.50.

DOGWOOD. See Cornus.

FORSYTHIA (Golden Bells). Bright golden yellow, star-shaped flowers that burst into bloom just as winter is over and while the bush is otherwise bare.

F. spectabilis. Strong, tall growing shrub with very large flowers completely covering the stems. Most profuse bloomer of all.

F. suspensa. Graceful, drooping tendency. Frequently planted on banks and slopes. Beautiful as specimens or in masses.

Forsythias, strong, 3 to 4 ft. plants, each \$1.00.

FLOWERING ALMOND. See Prunus.

GOLDEN BELLS. See Forsythia.

HYDRANGEA paniculata grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast. These plants look fine used as single specimens on the lawn or grouped in large beds. Strong, bush form, 2 to 3 ft. plants, each \$1.00.

Upon request we can quote on other varieties of flowering shrubs.

HONEYSUCKLE. See Lonicera.

JUDAS TREE. See Cercis chinensis.

KOLKWITZIA amabilis (Beauty Bush). A handsome new ornamental shrub from China, resembling the weigela and honeysuckle, to which it is allied. Grows 6 to 8 feet high at maturity, with long, arching branches covered with pale pink, bell-shaped flowers in June. One of the most outstanding shrubs. Strong, 2 to 3 ft. plants, each \$1.25.

LILAC. See Syringa.

MOCK ORANGE. See Philadelphus.

PHILADELPHUS virginicus (Virginia Mock Orange). 7 to 8 feet. Large, semi-double white flowers in great profusion and very fragrant. Strong, 2 to 3 ft. plants, each \$1.25.

PRUNUS glandulosa alba fl.-pl. (Double White Flowering Almond). Erect, slender branches covered in May with small, very double, fragrant white flowers. Strong, 2 to 3 ft. plants, each \$1.25.

Hybrid Rhododendrons

The handsomest and most effective of the broad-leaved evergreens. They will succeed in any light or friable garden soil, but if a heavy clay soil must be used, incorporate a liberal amount of leaf mold or well-decomposed cow manure, digging the bed about 2 feet deep. Mulch the beds during the summer with a thin moss and protect winter with 4 to 5 inches of leaves. Evergreen boughs between the tops of the plants during winter are desirable to break the cold and driving winds and to protect from the rays of the sun in early spring.

Amphon. Pink. Bushy.

Rhododendron grandiflorum. Lilac. Compact.

Dr. C. H. Dresselrhuis. Red. Tall.

Everestianum. Lilac. Dwarf.

Mrs. C. S. Sargent. Light red. Bushy.

President Lincoln. Lavender. Tall.

Roseum elegans. Pink. Compact.

All Rhododendrons, strong, 12 to 15 in. plants, each \$2.75; 15 to 18 in., \$3.50; 18 to 24 in., \$4.50, 2 to 2½ ft., \$5.50.

REDBUD. See Cercis.

ROSE OF SHARON. See Althaea.

SNOWBALL. See Viburnum.

SPRAEAE prunifolia. Dense shrub bearing a profusion of flowers. 2 to 3 ft., each \$1.00.

SWEET SHRUB. See Calycanthus.

SYRINGA vulgaris (Common Purple Sweet Scented Lilac). 2 to 3 ft., each \$1.00.

VIBURNUM tomentosum plicatum (Snowball). A desirable shrub that should be in every garden or on the lawn. Perfectly hardy. Blooms in June. Extra fine, 2 to 3 ft. plants, each \$1.25.

VITEX macrophylla. A graceful, attractive shrub, growing 3 to 4 feet high and producing freely lavender-blue flowers from July until frost. 2 to 3 ft. plants, each \$1.00.

WEIGELA, Eva Ratke. Of erect form and vigorous habit. Deep carmine-red flowers. 18 to 24 in. plants, each \$1.00.

W. rosea. Remarkably showy flowers. Numerous spreading branches and dark green leaves. The rose colored blooms are produced in great abundance. 2 to 3 ft. plants, each \$1.25.

This list includes the varieties mostly in demand.



Rhododendron

Michell's Ornamental Evergreens

The figures following each variety indicate, in feet, the approximate height of that plant when mature; it must be understood, however, that it takes a great many years to attain this height.

Biota (Thuja)

Aurea nana (Berckmann's Golden Arbor-Vitae). 2½ to 3 ft. A gem for planting where a dwarf variety is needed. Plants of compact, roundish shape with warm golden yellow foliage. 12- to 15-inch plants, each \$2.50.

Chamaecyparis

Pisifera plumosa aurea (Golden Plume Cypress). 20 to 25 ft. 15- to 18-in. plants, each \$2.50.

Juniperus

Chinensis Pfitzeriana (Pfitzer Juniper). 5 to 6 ft. Broad, bushy, gray-green foliage, giving a feathery appearance. A hardy adaptable evergreen, especially for foundation planting. 12- to 15-in. plants, each \$2.50.

Excelsa stricta (Spiny Greek Juniper). 4 to 5 ft. Combines regularity of shape, beauty of coloring, hardness and rather slow growth. Steel-blue foliage. 12- to 15-in. plants, each \$1.75.

Pinus

Mugo (montana) (Mugho Pine). 2 to 3 ft. Compact, dwarf Pine, forming a round-topped clump. Useful for rock-planting and foundation work. 12- to 15-in. plants, each \$3.75.

Upon request we can quote on other varieties of Evergreens and Shade Trees.

Taxus

Cuspidata (Spreading Yew). 4 to 5 ft. This is one of the hardestiest evergreens in cultivation, with very dark green foliage and spreading, bushy habit. 15- to 18-in. plants, each \$4.25.

Cuspidata capitata (Upright Yew). 25 to 40 ft. An evergreen of the upright type of *T. cuspidata*. 15- to 18-in. plants, each \$3.75.

Cupressus nana (Dwarf Yew). 2 to 3 ft. One of the hardestiest of the dwarf evergreens, with foliage similar to the above but slower of growth and more compact. Especially valuable in foundation plantings. 12- to 15-in. plants, each \$5.00.

Thuja

Occidentalis globosa (Globe Arbor-Vitae). 2½ to 3 ft. Natural, globe-shaped evergreen, very good for formal and foundation work. 12- to 15-in. plants, each \$2.00.

Occidentalis pyramidalis (Pyramidal Arbor-Vitae). 15- to 30 ft. Narrow, columnar shape, retaining its bright green color throughout the winter. Excellent for accents or formal planting. 18- to 24-in. plants, each \$2.50.

Tsuga

Canadensis (Canada Hemlock). 75 to 90 ft. One of the most graceful and attractive native evergreens. The spreading, horizontal branches of finely cut foliage make this a most adaptable tree, either for hedges or informal planting. 18- to 24-in. plants, each \$3.75.

Michell's Deciduous Shade Trees

Populus

Nigra italicica (Lombardy Poplar). 60 to 80 ft. Tall spire-like character valued for landscape work and screens. 8- to 10-ft. trees, each \$2.00.

Quercus

Palustris (Pin Oak). 75 to 90 ft. Takes most kindly to cultivation. Prefers moist soil but is very adaptable. A very good tree for street planting, being highly colored in the autumn. 6- to 8-ft. trees, each \$3.75.

Rubra (Red Oak). 75 to 90 ft. A comparatively quick grower. The young shoots and leaf-stems are red with purplish crimson foliage in the autumn. 6- to 8-ft. trees, each \$5.00.

Salix

Babylonica (Babylon Weeping Willow). 50 to 60 ft. Particularly appropriate for water-side planting with its long pendulous branches. 6 to 8 ft., each \$2.50.

Tilia

Vulgaris (European Small-Leaf Linden). 70 to 90 ft. In late June the fragrant flowers are noticeable. Grows symmetrical and compact. 6- to 8-ft. trees, each \$3.75.

Magnolia

Soulangeana (Saucer Magnolia). 15 to 18 ft. A hardy Chinese species which, while shrub-like in its young growth, attains the size of a tree in time. Flowers are produced early in the spring, cup-shaped, 3 to 5 inches in diameter, white inside, flushed with purple on the outside. 2- to 3-ft. bushy plants, each \$5.00.

Platanus

Orientalis (Oriental Plane). 70 to 80 ft. A good tree for park and street planting. Grows quickly and withstands smoky city conditions. 8 to 10 ft., each \$5.00.

SPECIAL NOTICE ON GUARANTEE

We spare no effort to supply trees, plants, and shrubs of the best quality in first-class living condition. On account of the many causes beyond our control, we regret we cannot guarantee this stock to live and establish itself, as that is usually entirely within the power of the buyer or planter. If customers desire us to guarantee plants, trees, and shrubs to live, we will assume such guarantee at an advance of 25 per cent over and above our usual price, but not otherwise, and such guarantee will expire within 90 days from date of shipping.



Water Lilies

WATER LILIES

Aurora. Rosy yellow, changing to deep red on the third day; stamens orange. Each \$1.25.

Comanche. The flowers are a combination of orange and amber-red. Each \$2.00.

Gladstoniana. Massive, cup-shaped flowers of a pure dazzling white. Each \$1.50.

Helen Fowler. Deep pink, fragrant flowers on stout stems. Strong, vigorous growth. Each \$1.25.

Mariacea chromatella. Petals and stamens bright yellow. Blooms 4 to 6 inches across. Each \$1.50.

Mariacea rosea. Lovely flowers of soft rose-pink. A splendid variety. Each \$1.50.

Odorata. The native white Pond-Lily. Desirable for planting in quantity in natural ponds. Each 50c.

Odorata, Rose Arely. Very large, fragrant, deep pink flowers. Each \$1.50.

Aquatic Plants

A select list of the most suitable varieties for all hardy water-garden purposes. Ready April 15 to June 1.

CYPERUS alternifolius (Umbrella Plant). Will grow 4 feet high. Is successful in small pools or in moist ground. Each 35c; doz. \$3.50.

EICHORNIA crassipes major (Water Hyacinth). Lilac-rose flowers. Each 30c; doz. \$3.00.

LIMNOCHARIS Humboldti (Water Poppy). Floating yellow flowers all summer. Not hardy. Each 35c; doz. \$3.50.

MYRIOPHYLLUM proserpinacoides (Parrot's Feather). Rises about 6 inches out of the water. Each 35c; doz. \$3.50.

Aquatic Plants for the Aquarium

ANACHARIS canadensis gigantea (Giant Water Weed). A beautiful submerged plant with dark green, ovate leaves and light stems. Each 30c; doz. \$3.00.

SAGITTARIA natans (Arrowhead). Long, straplike, green leaves resembling the well-known Vallisneria. Each 50c; doz. \$5.00.



Pin Oaks

Michell's Select Fruits



Apples

Delicious. A good late variety with rosy red fruit of good size. Truly delicious.

Grimes Golden. Late. Good size; yellow and fine flavor.

Jonathan. Winter. Fruit medium to large; brilliant red; flesh juicy, fine grained, tender and very highly flavored. Bears heavy crops every year, and comes into bearing early.

McIntosh. Winter. Medium size; nearly covered with a bright red; flesh white, tender, juicy, sub-acid. Tree hardy, vigorous, and healthy.

Rome Beauty. Late. Yellow shaded red; solid and juicy.

Stayman's Winesap. The best winter variety. Large, juicy, semi-sweet. Fine for eating and cooking. Prolific.

Wealthy. Late. Round, red; sweet and a good keeper.

Yellow Delicious. Winter. Tree comes into bearing early, producing heavy crops. Very thrifty, hardy, and a vigorous grower. A golden Apple which has won its fame as an outstanding commercial variety.

Yellow Transparent. Early and desirable. Good color; juicy and semi-sweet.

Crab-Apple

Hyslop Crab. Large, round, deep red fruit. The best variety for jelly. Sept.

All Apple and Crab-Apple trees, 5 to 6 ft., each \$1.50; doz. \$15.00.



Peaches

Belle of Georgia. White, red cheek; flesh white, of good flavor. Freestone. Sept.

Champion. A large, handsome early white variety with red cheek; sweet and juicy. Aug.

Elberta. The standard market variety. Large; flesh yellow, juicy, and of high quality. A heavy bearer. Sept. 15.

Golden Jubilee. Resembles Elberta. Skin yellow with red flesh; flesh golden yellow, juicy, and sweet. Freestone. Early Aug.

Hale-Haven. Ripens two weeks before Elberta. Withstands cold temperatures; very hardy. A perfect freestone of extremely high color, yellow fleshed, large in size, good shipping qualities. Heavy bearer.

J. H. Hale. Larger than Elberta. Deep yellow with carmine blush; wonderful flavor. Stands shipping. Ripens about Sept. 10.

Salberta. Late. Large yellow freestone. Ripens about 10 days to two weeks after Elberta. This new variety is being planted commercially in many Peach-growing sections.

All Peach trees, 3½ to 4 ft., each \$1.00; doz. \$10.00.

Pears

SUMMER VARIETIES

Bartlett. An old favorite. Juicy, well flavored, and a good bearer. Aug.

Clapp's Favorite. A fine large yellow variety stained red; flesh fine-grained. Aug.

FALL VARIETIES

Anjou. Fruit large and handsome, yellow with red blush; flesh of good flavor. Late keeper. Oct.

Duchesse d'Angouleme. Large; flesh buttery, rich, and juicy. A good standard variety. Fine keeper. Oct.

Kieffer. Late. Rather coarse-grained, but when well ripened is good for both eating and preserving. Good keeper. Oct.

Seckel. A well-known, dark brown, small variety; flesh very sweet and juicy. Oct.

All Pear trees, 5 to 6 ft., each \$1.50; doz. \$15.00.

Plums

Abundance. A very productive, large variety of light cherry-red color. Aug.

Burbank. Fruit round, cherry-red, with lilac bloom. Heavy bearer. Sept.

Diamond. Enormous, dark purple fruit with a beautiful bloom. Sept.

Green Gage. Large, greenish, sweet fruit of good flavor. An excellent variety. Sept.

Shropshire Damson. Late. Medium-sized fruit, produced in thick clusters or groups. Tree a strong grower and very productive of dark purple-colored Plums. The popular old-fashioned Damson variety.

All Plum trees, 5 to 6 ft., each \$1.50; doz. \$15.00.

Apricot

Early Golden. Orange-yellow, with faint blush; firm, coarse flesh. One of the best. Few varieties equal in lusciousness the fresh fruit of the Apricot. Should be planted more generally where there is room for trees. Each \$1.50; doz. \$15.00.

Cherries

Black Tartarian. Sweet. Very large; black; rich and juicy.

Early Richmond. Sour. An early variety of medium size, dark red fruit. Early June.

Montmorency. Sour. Large, dark red fruit, about 10 days later than Richmond.

Napoleon (Royal Ann). The best and most profitable yellow sweet Cherry. Flesh very firm, juicy, and delicious.

All Cherry trees, 5 to 6 ft., each \$1.50; doz. \$15.00.



Quince

Orange. Large, golden yellow fruit of good quality. Prefers low, well-drained soil. Excellent for jellying with apples. Dwarf grower. 4 to 5 ft., each \$1.50; doz. \$15.00.

Michell's Small Fruit Plants



Alfred Blackberry

Blackberries

Alfred. For the home garden, Alfred is the ideal Blackberry. The bushes are loaded with tremendous berries, practically free from seeds, coreless and extremely juicy.

El Dorado. Remarkably strong grower and an enormous producer of extra-size berries which are brilliant black and retain their color under all conditions. Very sweet and without core.

All Blackberries, extra-strong plants, doz. \$1.00; 100, \$8.00.

The New Boysenberry

THE FINEST VINE BERRY YET DEVELOPED

A new hybrid vine berry developed from the Blackberry, Loganberry, and Raspberry.

The fruit, which is dark purple at first, becoming black when fully ripe, is of blackberry form with berries averaging 1½ inches long, with occasional fruit an inch longer.

The flavor is distinctively its own but somewhat resembles the raspberry; the sugar content is high, no sugar being needed with ripe berries. Doz. \$2.25; 25, \$4.00.

Boysenberry

Raspberries

Cumberland. Blackcap. The largest Raspberry known. Selected specimens measure an inch in diameter.

Latham. The finest red Raspberry to date. More productive than any other variety. The berries are very large, bright red, and of wonderful flavor.

Newburgh. Midseason. Vigorous grower, hardy, and very productive. Fruit very large, firm; does not crumble. Precedes Latham a few days in ripening. An excellent shipper and keeper.

Ranere Everbearing. Brilliant red fruit of good size and excellent flavor; in fact, there is no good quality any of the regular varieties of Raspberries possess that is lacking in Ranere.

All Raspberries, extra-strong plants, doz. \$1.00; 100, \$8.00.



Cumberland Black Raspberry

Strawberry Plants

Layer plants which can be shipped until April 15th and again after October 15th.

STANDARD EARLY VARIETIES

Blakemore. Fruit is firm, light in color and unexcelled. Ranks high in productivity.

Dorset. Perfect. The berries are beautiful in appearance; their light color, bright green cap, large size, and attractive shape make them very desirable.

Fairfax. Perfect. The berries average very large and firm and, picked at the proper time, are a bright red with a light green cap; as they ripen, they become darker and then very dark red.

Premier. Perfect. Enormously productive, coming early and bearing through a long season. The flavor is delicious.

MIDSEASON VARIETIES

Big Joe. Perfect. The merits of this excellent variety are great vigor of plant, fine root-system, exceptional productivity, large size of fruit, excellent flavor.

Catskill. Best midseason berry and becoming more popular every year. Large berries, equaling Premier in flavor, carrying a bright green cap.

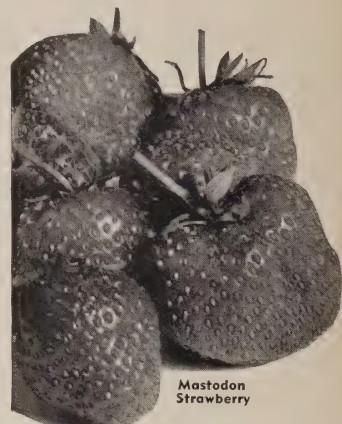
LATE-SEASON VARIETIES

Aroma. Late. One of the best late varieties. Fruit is large, bright glossy red, of excellent carrying quality.

Chesapeake. Perfect. The berries are hand-some in appearance because of their large size, rich color, glossy surface, uniform shape and bright green cap.

Lupton Late. Its double, dark green cap sets the fruit off beautifully. Produces an abundance of large, bright, flame-colored berries.

Above Strawberries, 50, \$1.00; 100, \$1.50; 1000, \$10.00.



Mastodon Strawberry

AUTUMN-FRUITING OR EVERBEARING VARIETY

Mastodon. This is, unquestionably, the most prolific of everbearing varieties. Bears continuously from June till frost, the late fruits being as large as the early crop. Layer plants, 50, \$1.50; 100, \$2.50; 1000, \$15.00.

Grape Vines

Coco. Red. The most delicious of all Grapes and perfectly hardy. Bunch of good size, compact, and of good form. Rich in sugar, excellent in flavor. Vine a very strong, vigorous grower, healthy and prolific. 3, \$1.35; doz. \$5.00; 25, \$9.50.

Catowba. Red. Delicious flavored; medium-size berry.

Concord. Purple. The well-known standard variety that succeeds wherever Grapes will grow.

Delaware. Light red with violet bloom. Bunches and berries are small but compactly set, sugary and delicious.

Fredonia. Large black berry with heavy bloom. Cluster about medium in size. Very early; good quality; new and very promising.

Moore's Early. This is really an early Concord and is the standard early blue Grape. The vines are vigorous, healthy, and productive, bearing fruit of delicious quality.

Niagara. Light greenish white. An unusually strong grower. Bunches very large and compact. Berries large, semi-transparent; has very little pulp and is sweet to the center.

Portland. White. The earliest of all Grapes. Large bunch and berry; flesh sweet, juicy and of fine flavor. A valuable early Grape for the home garden. 3, \$1.35; doz. \$5.00; 25, \$9.50.

All Grape Vines, except Coco and Portland, 2-yr. vines, 3, 85c; doz. \$3.00; 25, \$5.50; 100, \$20.00.



Niagara Grapes

MICHELL'S FARM AND GARDEN TOOLS

South Bend Plows

For garden, farm, or trucker's work; made of chilled steel in various sizes.

No. 1B. Wood beam plain; for one horse Each \$15.00

No. 2F. Wood beam plain; for one heavy or two light horses 18.00

No. 3F. Wood beam plain; for two horses. 19.50

The prices above are for plain Plows with clevis only.

The No. 3 Plow can be equipped with wheel and jointer at the following additional cost:

Wheel only Each \$2.50

Jointer only 4.70

The Nos. 1 and 2 are too light for wheel and jointer.

Sieves

Any size mesh.
Made extra well.
Galvanized
Wire, 18-in.
\$2.00 each.



Large Upright Sieve

For gravel, soil, sand, etc.
Made in any size mesh, of
extra heavy grade foundry
wire. Size 30 in. wide by 72
in. high. Price, \$20.00.

Stevens Fertilizer Distributor

For distributing commercial fertilizers on fields, lawns, golf courses, etc., also for sanding putting greens. Insures perfect and even distribution.

Holds about 2 bushels; covering area 3 feet wide. Price, \$30.00.

SEE PAGE 1 FOR PARCEL POST RATES

Vigoro Spreader

The Vigoro Spreader was developed for the purpose of applying fertilizers in flower beds and vegetable gardens before seeds are sown or plants set out, and to sow grass seeds, top-dress lawns with sand or other dry materials, and for many other purposes. Adjustments can be made so as to regulate the quantity desired to be applied.

Model B. 14-in. spreading area. Capacity, 13 lbs. \$ 3.35

Junior. 16-in. spreading area, Capacity, 30 lbs. 7.80

Standard. 24-in. spreading area. Capacity, 65 lbs. 15.80

Special. 36-in. spreading area. Capacity, 125 lbs. 24.00

Tires for the Standard and Special models shipped in separate cartons. Price, \$3.00 per pair.

Root All-Purpose Spreader

The perfect machine for fertilizing, top-dressing and seeding on large areas. Positive, accurate feed control insures safe, even distribution, eliminating all possibilities of burn at the start and finish lines from excess fertilizer. The wide range of adjustment permits the handling of soil for top-dressing at the rate of 350 lbs. per 1000 sq. ft., down to grass seed at as light a rate as 3 lbs. per 1000 sq. ft. Heavy duty construction throughout. Hopper capacity, 3 cu. ft. Graduated feed scale. Width of spread, 3 ft.

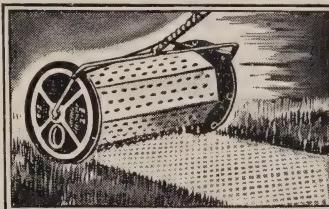
Standard Model. (Steel wheels.) Price, \$65.00.

DeLuxe Model. (Pneumatic-tired wheels). Price, \$85.00.

E-Z Fertilizer Spreader

Fertilize your lawn — Sow your seed the NEW E-Z way!

It's fun to fertilize your lawn the new "E-Z" way. Simply fill container, guide like a vacuum cleaner, and your lawn is covered quickly, scientifically, uniformly. Dependable construction assures long life for this efficient, economical Fertilizer Spreader. Price, only \$1.25.



Parts of Planet Jr. Wheel Hoes

Disc Hoes 3350-51X. Pair	\$3.75
4½-in. Hoes \$1.00-\$1.01. Pair	1.20
6-in. Hoes \$1.00-\$1.01. Pair	1.30
7½-in. Hoes \$1.00-\$1.01. Pair	1.50
9-in. Hoes \$1.00-\$1.01. Pair	1.70
Pearl Hand Hoes, Pair	1.80
3-prong Cultivator Teeth, \$4.20	1.50
Cultivator Teeth Regular, No. 1395, all steel, Each	.35
Narrow Cultivator Teeth, No. 2775, all steel, Each	.35
Rakes, 3-tooth, \$2.40	1.00
Rakes, 5-tooth, \$2.50	1.50
Plows for Double Wheel Hoes, M5. Pair	1.40
Plows for Single Wheel Hoes, R6. Each	1.15
Double Mouldboard Plows, 4678X. Each	1.70
Handles, Pair	1.25

Gem Single Wheel Hoe

This is suited for almost any work in a garden. It weeds, hoes, hills, and harrows. Price, \$8.00.

Sterling Mounted Grindstone

Substantially made; heavy steel frame with seat and double treadles. Fitted with improved ball bearings of the very best quality, encased so that it will keep clean. Stone 19 to 22 inches diameter, 1¾ to 2⅓ in. thick. Weight 100 lbs. Shipped knocked down, crated. Price, \$13.50.

American Hand Corn Planter

A great seed economy and labor saver. Easily operated, accurate and reliable; works in all kinds and conditions of soil. Price, \$4.00.



Invincible Cultivators

This will be found a useful tool for weeding, loosening the soil, preparing seed beds, etc. Price, with long handle, 3-prong, \$1.25; 5-prong, \$1.50.

Broadcast Seed Sowers

For accurately sowing timothy, clovers, millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre.

Cahoon Cyclone \$7.00

Cyclone 3.00

PLANET JR. GARDEN TOOLS

Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow

Light, easily handled, and does good work. All steel except the handles; practically indestructible. Handles are adjustable for any height. Includes all equipment usually required in a garden. Fifteen-inch steel wheel; steel frame.

Planet Jr. Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow

Seeder Only

Planet Jr. Hill and Drill Seeder

Planet Jr. Seeder Attachment

Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

Planet Jr. Horse Hoe and Cultivator

Planet Jr. Horse Cultivator Teeth

Planet Jr. Garden Plow and Cultivator

PRICES ON APPLICATION

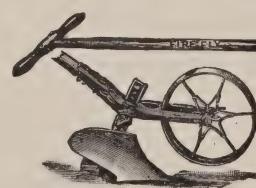
Subject to Our Ability to Provide

Planet Jr. Star Pulverizer

Price, 7½ in., \$3.50.



Excellent for preparing a seedbed, weeding, or hoeing. Works like a carpet-sweeper, cutting off all the weeds and pulverizing the lumps.



Fire-Fly Garden Plow

Useful to owners of small gardens, and to chicken-raisers for plowing up scratching yards. Price, \$4.95.

MICHELL'S LAWN and GARDEN TOOLS

Sudbury Soil-Test Kit

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.

Professional Size. Model A. Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$18.50.

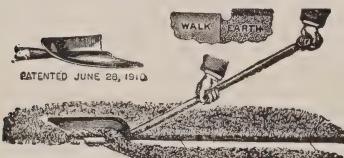
Horticultural Size. Model B. For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

Club Model: Model C. This new model in the famous Sudbury line gives a complete season of soil-testing at a far lower price than ever before. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity, showing how to lime and fertilize for best results. Cased in handsome, sturdy, imitation leather. Price, \$4.75.

Home Gardeners Size. Model D. A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.00.

Lawn Edger

A simple steel disc device, with a flange that runs on the cement path, to cut away the grass which hangs over the edge of the walk. This revolving disc operates very easily and does not cut away any of the soil, which some people object to. Can be used successfully on straight or curved cement paths. Price, \$2.00.



No. 136 Imperial Lawn-Edge Trimmer

With this tool the rough, straggling, overhanging grass along the edges of the walk can be trimmed in a few minutes. It plows a clean U-shaped trench, delivering the cutting on the sidewalk, leaving the whole surroundings neat and attractive. Price, \$1.65.

Edging Knives

For trimming edges of paths, etc. No other implement will put a finish to a grass border, a walk, or a drive edged with sod like an Edging Knife. On straight work, it is well to use a garden line so as to make a first-class job.

No. 040. American. With handle. Price, \$1.50.

Lawn Mower Sharpener

Price, each 75c. Extra files, each 30c.

Barrel Trucks

The Truck is constructed so that the Barrel may be detached quickly and the leaf rack attached.

Truck with 3½-in. tires, all-iron wheels. \$25.00

Barrels, with trunnions, open head 8.50

Truck and Barrel, complete 33.00

Wood Leaf Racks

Excellent for gathering leaves, litter, grass, etc. They can be attached to a water-barrel truck.

Leaf Rack only, no truck \$18.00

Leaf Rack with 3½-in. tire truck 42.50

Truck with 3½-in. tire wheels, no rack or barrel 25.00

Keystone Leaf Rack

This device can be used on wheelbarrows with removable sides. Convenient for gathering leaves, cut grass, and rubbish. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. Price, not including wheelbarrow, \$9.50.

Wheelbarrows

The measurements of Barrows indicate: length, meaning inside length of body; depth, inside depth at front; width, outside width at handles.

Great American Wheelbarrow.

	Tire	Length	Depth	Width	
	In.	In.	In.	In.	
No. 1	2¾	30	12	25	\$12.00
No. 2	2¾	28	12	24	11.00
No. 3	2¾	26	12	22	10.00

Special Greenhouse Style. Narrow body and handle width 12.00

Great American, No. 2. Equipped with pneumatic rubber-tire wheel 18.00

Foldabarow

An entirely new idea in wheelbarrows, and especially useful where storage space is limited. When folded it takes up no more room than the average card table, and it is only a matter of seconds to set the barrow up, ready to use. The Foldabarow is more than strong enough for any construction or gardening job. Light in weight, sturdy in construction and attractive in appearance. Price (with pneumatic tire), \$14.00.

Lawn and Putting Green Cleaner

The flexible rake bars are of wood, with steel springs and teeth. They rotate like a lawn-mower cylinder and clean up every particle of leaves, litter, or rubbish, throwing it into a large capacity receptacle or bag in the rear. Price, 24-in. Rake, or Sweeper, \$38.00.

Please specify when ordering if wanted for lawns or putting greens.

SWEEPING BRUSHES. Can be readily attached to the Rake for sweeping lawns, putting greens, paths, etc. Price per set of three, 24-in., \$10.00.

Tennis Court Markers

No. 5 Excelsior. A practical low-cost Marker, easy to operate. Ready marking action only. Suitable for grass or dirt. Capacity, 2½ gallons. Price, \$13.50.

No. 10. Excelsior. Capacity, 3½ gallons. Price, \$30.00.

No. OX. The most practical Marker where dry lime is used. Price, \$3.50.



Commercial Whiting

An improvement over lime for marking tennis courts and athletic fields. Will not crack or curl and is less affected by rain. 50 lbs., \$2.00; 100 lbs., \$3.75; bbl. (250 lbs.), at \$3.00 per 100 lbs.

Water Ballast Rollers

Fill with water to weight it up to any number of pounds desired, as shown below. The same Roller can thus be used for soft turf, firm lawns, or for rolling the driveway and tennis court. Equipped with a device for keeping handles stationary. Ball axle bearings.

	Diam.	Length	Weight
	in.	in.	Empty Filled
No. 601	1	14	24 60 250 \$14.00
No. 602	1	18	24 85 330 16.00
No. 603	1	24	24 100 440 20.00
No. 604	1	24	32 135 590 22.00

Keystone Hand Lawn Rollers

A cast-iron sectional roller mechanically balanced, with steel roller-bearings so as to be easily operated. Beveled edge prevents tearing the lawn when turning.

	Diam.	Length	Weight
	in.	in.	Sections Lbs.
No. 501	15	15	3 175 \$21.00
No. 502	15	22	3 250 25.00
No. 504	20	20	2 250 27.50
No. 508	20	30	3 350 40.00
No. 511	24	24	3 450 47.00
No. 512	24	30	3 500 48.00

Michell's Spike-Tooth Roller



No. 706. For aerating the sod on golf courses, putting greens, parks, and large lawns. 18 in. wide, made in two sections; diameter, 9 in.; weight, 70 lbs. Made of seasoned oak staves with cast-iron heads. Closely covered with steel spikes. Sandbags can be used for additional weight. Price, \$29.00.

Midget Spike-Tooth Roller

For the small or medium-sized lawn. Steel tray can be weighted with stone or bag of sand. Roller 13 in. wide. Spikes 1½ in. long. Price, \$9.00.

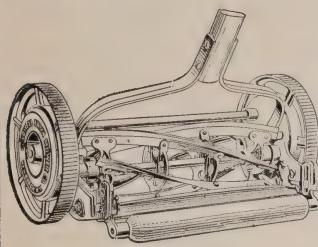
Turf or Sod Lifters

This tool is indispensable for cutting and handling sod. The long shank permits uniform thickness, which is impossible to obtain with a spade.

American. Steel blade, with an 18-in. steel shank and wood D handle. Price, \$2.75.

MICHELL'S LAWN and GARDEN TOOLS

LAWN MOWERS



At the time this catalog goes to the printer we are unable to obtain information as to makes and prices of mowers.

Please write for information and quotation on mowers—subject to our ability to supply.



Champion Sod Cutter

The best and most satisfactory machine on the market. This machine will cut in one hour as much as two men can cut in a day. The machine is so constructed that it can be adjusted to cut the sod to a uniform thickness, 1 to 2 inches; have a reversible knife. Price, \$67.50. Extra knives for above, \$16.50. Disk Knives, \$3.50.

Brush Hook

No. 10. An ideal tool for cutting heavy bushes, weeds, etc. Price, \$3.00.

Scythes

The Little Giant is the best American-made Scythe for field and heavy grass work.

Little Giant. 32-in. \$2.25
34-in. 2.25
36-in. 2.25

Little Giant Brush or Briar 2.25
The English Scythes are best for fine grass or lawn work.

Scythe Handles

No. 30. Made of hardwood, well finished. **Regular Scythe Style.** Price, \$2.25.
Smooth Clips. Price, 30c.

Sickles or Grass Hooks

World's Finest. No. 111/2 \$1.00
Champion. No. 1 1/275
Hand Made. No. 160
Perfect. No. 490

Carborundum Riffle

Price, 35c each

Carborundum Files

No. 57. Price, \$1.00 each.

Flat Files

	Each	Doz.
8-in.	\$0.40	
10-in. ....	.45	
12-in. ....	.85	

Scythe Stones

	Each	Doz.
Sir Pike. Talacre style	\$0.35	\$4.00
Telasco. Imported .....	.50	5.75
Derby Creek .....	.30	3.35
Carborundum. Very fine .....	.40	4.60

Grass Shears

For trimming along walks and curbing and in other inaccessible parts of the lawn missed by the mower.

No. 235. American. 6-in.	\$0.75
No. 012. American. 6-in.	2.25
Trowel shank handle. 7-in.	2.75
Straight shank handle. 7-in.	2.50
No. 0267. American. 5 1/2-in.	1.15

Michell's Grass Shears

No. 90. Cuts grass easier than ordinary Shears. Built like hair-cutters; blades forged steel. Price, \$1.00.

Border Shears

Made of finest American steel. They take the place of edging knives and avoid the necessity of doing much stooping. The Shears without wheel work equally as well as those equipped with wheel; this feature is an item of individual preference only.

No. 1102. 9-in. Without wheel	\$4.75
No. 1103. 9-in. With one wheel	6.25
Handles for Border Shears.	\$1.25 per pair.

Lawn Shears

For trimming under shrubbery, fences, and other out-of-the-way places. The two wheels permit the Shears to move over the ground freely, backward and forward.

No. 1104. 8-in. blade; long handle.	\$5.75
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No. 26 Kelly Weed Cutter

A new tool with double-edge cutting blade. Used with an easy swinging motion, it makes short work of weeds. Price, \$1.35.



Crab Grass and Dandelion Rake

No. LDR. Curved saw-tooth head; 26 teeth; width of head, 15 1/2 in.; 5-ft. handle; steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting off blossoms before seeds mature. Price, \$1.35.

Bamboo Rakes

Made of split bamboo, rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower-beds, borders, and the lawn.

18-in. With bamboo handle (old style) ... \$0.50

Wire Lawn or Grass Rake

Made of heavy tinned steel wire. The Rake is reversible, and excellent for lawn or walk work.

No. 124R. 24-tooth \$1.10

Tennis Court Rake

An exceptional Rake, 24 inches wide, with 36 teeth, braced on shoulders. This Rake is for special work on tennis courts, new work on golf greens, lawns, and for general purposes where a fine Rake is required. Price, \$3.75.

Steel Brume Rake

Spring-steel teeth; will remove the smallest leaves and litter. Price, \$1.25.

Lawncomb Rake

The Lawncomb cleans your lawn without injuring tender growing grass. Frame is one-piece steel construction; electrically welded ends. 20-in., natural-finish handle. Price, \$2.00.



Fuller Lawn Broom

Well made of good material. Has 28 flexible, spring steel teeth, 3/4 in. apart.

Price, \$2.00.

Wooden Rakes

Ames. No. 37X. 28-tooth; width 26 in.; steel bows. Price, \$1.50.

Steel Garden Rakes

Made of best cast steel, with long teeth.

No. 12. 12-tooth	\$1.20
No. 14. 14-tooth	1.35
No. 16. 16-tooth	1.50
No. 18. 18-tooth	1.75

Steel Gravel Rakes

These Rakes are used for road-making and for paths. Having short teeth, they do not gather up stones or gravel.

No. G14. 14-tooth	\$1.75
No. G16. 16-tooth	1.85

Steel Bow Rakes

Preferred by many to the regular garden Rake, the teeth being slightly bent toward the operator.

No. B12. 12-tooth	\$1.45
No. B14. 14-tooth	1.55
No. B16. 16-tooth	1.75

Michell's Excelsior Steel Garden Rake

Nicely balanced; 16-tooth only. Price, \$1.00.

Hoe and Rake (Combined)

An excellent tool for ladies, combining simplicity and utility. Made of the very best steel, which will outlast several cheaper tools of the same class.

No. 4P. 4-prong	\$1.30
No. 6P. 6-prong	1.60

Dock Lifter

For field and farm use. Will uproot the deepest-seated weed or dock; has tremendous leverage. Made of wrought iron and oak wood—no wear-out to it. Price, \$7.00. (Not mailable.)



SEE PAGE 1 FOR PARCEL POST RATES

Buy a sturdy steel spade to make digging easy

MICHELL'S LAWN AND GARDEN ACCESSORIES

Square Hoes

No. G06.	6-in.; solid shank	\$1.20
No. G07.	7-in.; solid shank	1.30
No. G08.	8-in.; solid shank	1.40
Special.	7-in. only; solid shank; 4½-ft. handle	.80

Two-Prong Onion Hoe

Will be found very valuable in weeding narrow rows. No. 2P. Price, 80c.

Warren Hoes

Excellent tools for making drills preparatory to sowing of seed. The backs can be used for covering.

No. W7.	7-in.	\$1.55
No. W7½.	7½-in.	1.80

Baby Warren Hoe

No. BW4½.	Short handle.
Price,	90c.

Scuffle Hoes

Made of best steel.	
9-in.	..... \$1.85
Handles for Scuffle Hoes,	
35c each, extra.	

Michell's Field Hoe

For digging up stubble, small stumps, small plots of ground for planting purposes, etc.

No. GE40.	5½-in. blade	\$1.10
No. IGH7.	7-in. blade, extra heavy	2.10

The Handy Hoe

A garden implement especially designed to cultivate and weed the closely planted garden. Reaches into every nook, taking care of the places usually neglected. It cultivates by dragging—not hopping—thus roots are not disturbed and foliage is not broken. Price, 75c.

Garden Tool Set

For ladies and children. Set consists of 1 hoe, 1 rake and 1 spade. No. 3PF. Large size, \$2.50 per set.



Garden Tool Combination

Nothing delights the garden enthusiast more than fine tools. Here is a special combination of hand tools, consisting of trowel, weeder, spading fork and Warren hoe, four indispensable implements for the complete gardener. The tools themselves are top quality, highly polished, and beautifully finished. Complete set, \$2.75.

Manure Drags

For spreading manure, digging potatoes, etc. Flat tines.

No. 4.	4-tine	..... \$1.85
No. 6.	6-tine	..... 2.20

Gardex Tools

Made of finest grade, high carbon steel.

PULL HOE

Weeds as it cultivates.

No. 1004.	4 in. wide;
	4½-ft. handle. Price,

\$1.10.	
No. 1005½.	5½ in.
wide; 5-ft. handle.	
Price, \$1.25.	



CULTI-CLAW

The ideal tool for flower and rock-gardens.

No. 180.	4½-ft.
handle. Price, \$1.10.	



Hand Plow

Excellent for hill-ing corn, potatoes, or any plants.

No. 2006.	6 in. wide;
	5-ft. handle. Price,

\$1.75.	
No. 2007.	Plain Corn. Extra quality



Brooms and Brushes

For sweeping paths, gutters, roads, etc. All with handles.

BROOMS

No. 9. Fibre.	.....	Each
No. 8. Corn and Rattan mixed.	.....	1.25
Golf Greens. Birch.	.....	1.50
No. 7. Plain Corn. Extra quality	.....	1.00

ROAD BRUSHES

No. 1414. Bass or Cocoa Push.	14-in.	1.65
No. 271. Rattan Push.	14-in.	1.50

Keystone White-wash Brush No. 7	1.50
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Shovels

Shovels can be supplied in short or long handles, square or round points.

Please state type desired.

Fox	.....	\$2.00
Connecut	.....	2.25
Empire	.....	1.75

Steel Scoop Shovels

Strapped shanks; short wood D handle.

No. 3.	11-in. mouth	.....	\$2.10
No. 5.	12-in. mouth	.....	2.35
No. 6.	13-in. mouth	.....	2.50

Steel Spades

No. 3.	Short handle	.....	\$2.25
Fox.	Short handle	.....	2.00
Nursery.	Connecut Special	.....	4.50
Empire.	Short handle	.....	1.75
Boys' Spade	.....	.....	1.50
Ladies' Spade	.....	.....	1.85

Snow Shovels

Owosso.	Galvanized.	16 in. wide	\$1.40
	20 in. wide	1.75	

No. 218. Cronk.	Steel.	18 in. wide	1.50
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Steel Hay Fork

O36B.	3-tine; 6-ft. handle	\$2.35
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Spading Forks

Strapped shanks; short or D-wood handle. Made of best-quality steel.

No. OHW.	Men's. 4-tine	\$2.10
No. OSHD.	Men's. 5-tine	2.35

No. B4D.	Boys' or Ladies'. 4-tine	1.50
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No. POL4D.	Michell Special. 4-tine; nicely finished, with D bachelor handle, medium weight	1.40
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English Digging Fork

No. ED4. The prongs are solid steel, with square instead of round edges, which adapts it especially for digging in heavy soil, in which it works with ease. Every gardener should add one of these to his collection of tools. 4-tine, \$3.40 each.

Manure Forks

Strapped Shanks

04W.	4-tine. Light, short handle	.....	Each \$2.20
163.	4-tine. Heavy, short handle	.....	2.75
044½.	4-tine. Long handle	.....	1.95
054½.	5-tine. Long handle	2.20

Michell's Special Fork

No. PO4D.	4-tine, strap ferrule, iron D handle	\$1.40
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Implement Handles

Axe	Each	\$0.50
Spade. Plain75
Spading Fork. Plain90
Manure Fork. Plain; short75
Manure Fork. Plain; long	.....		.75
Shovel. Plain; short	.....		.75
Shovel. Plain; long	.....		.75
Hoe. Plain	.....		.35
Rake. Plain	.....		.50
Pick or Mattock	.....		.50
Poles. 12-ft.	.....		2.25
14-ft.	.....		2.50

SEE PAGE 1 FOR PARCEL POST RATES



No. 8 Digger



Eureka



Spade

Post Hole Diggers

No. 8. This bores a hole 3½ feet deep and can be adjusted in diameter from 8 to 14 in. Price, \$7.25.

No. 15. Eureka. Price, \$3.00.

Post Hole Spade. All steel with tamper end. Price, \$4.25.

Michell's Soil Auger

A handy tool used extensively for tree-feeding. Will cut a 1-inch hole in the heaviest soil to any depth up to 30 inches. Price, \$3.00.

Picks

(Price without handle.)

All steel, double point. \$2.00.

Handles. 50c each.

Mattocks

(Price without handle.)

Pick pointed \$1.75

Axe pointed 2.50

Half Mattocks or Grub Hoes 2.25

Handles, each50

MICHELL'S FARM AND GARDEN TOOLS, Etc.

Eureka Weeding Fork

No. 300. Made of best flexible steel. Fine for loosening soil in the garden, in hotbeds, etc. Short handle. Price, 70c.
No. 64. Long handle. Price, \$1.00.

Eureka Weeder

No. E. Made of flexible steel; very light. An ideal tool for market gardeners, florists, and amateurs. Short handle. Price, 70c.
No. EL4. Long handle. Price, \$1.00.

Excelsior Weeder

Made of malleable iron, finished in tin. Price, 20c.

Hazeltine Weeder

No. 200. Price, 60c.

Magic Weeder

Made of heavy, galvanized, flexible wire with flattened prongs or ends. Each

No. A. Short handle; small	\$0.20
No. B. Short handle; medium	.25
No. F. Long handle	.90
No. H. Long handle; large	1.25

Triangle Weeder

No. 3W. Short handle. Price, 80c.

Cape Cod Weeder

An extremely handy tool for working in close quarters, and especially adapted for bench-work in greenhouse and conservatory. Price, 85c.

Cleveland Lawn Weeder

Easy to operate; saves the back. The curved edge of the blade enters and loosens the soil, pressure on the lever then causes the toothed jaw to grasp the plant, and a slight pull dislodges it, without disturbing the surrounding soil. Price, \$1.35.

Bluebird Weed Puller

Adapted to pulling big weeds. It is strong and should last a lifetime. Fitted with a 42-in. finished handle. Price, \$1.50.

Doo-Klip Weeder

A weeder that allows you to stand in an upright position and still remove weeds positively, quickly, and accurately. Pinch-proof grip is mounted on a tubular steel handle. Blade of hardened tool steel, serrated and curved. After cut is made and withdrawal started, raker hook clamps weed so that it can be deposited where wanted. Price, \$2.50.

Dan-D-Lion Killer-Kemical

A small amount applied at the crown of the plant will cause it to shrivel up and in a few days the foliage above the ground will wither away, while the decayed root provides fertilization, so that the surrounding grass soon crowds in and covers the spot without reseeding. Also destroys plantains, thistles, and other types of vegetation. ½ gal., \$1.45; gal., \$2.35; 5 gals., \$11.25.
Other Weed Killers, see page 90.

Killer Kane

A tube with a valve at the bottom. Fill tube with Killer-Kemical and set the Kane down over the crown of the weed to be destroyed. A slight pressure on the handle releases a small amount of Killer-Kemical. Price, \$1.25.

Killer Kit

Special combination, including Killer Kane and ½ gal. Killer-Kemical. Price, \$2.35.

SEE PAGE 1 FOR PARCEL POST RATES

Ideal Dandelion Extractor

This simple device is the best thing of its kind ever used for taking weeds out of the lawn. It is not necessary to get down on hands and knees to operate it. The cutting blade is of the best steel, equipped with a convenient handle, so that either man, woman, or child can use it. 60c each.

Root Weed Gun

A wonderfully simple, effective tool for applying all dry chemical weed-killing materials. Used as one would a cane, it discharges sufficient material on the heart of each plant without danger to surrounding grass. Price, \$2.00.



Johnson Steel Trowels

No. 211. These are made of one-piece steel blade and shank, with wood hand-grip. 5-in. \$0.90
6-in.95
7-in. 1.00

D. S. T. Steel-Shank Trowel

These are somewhat long in blade and handle, making a very practical tool. 6-in. blade. Price, \$1.00.

Cleves' Angle Trowel

No. 217. For getting dandelion, plantain and other weeds out of the lawn, and transplanting.

5-in.	\$0.30
6-in. ....	.35
7-in. ....	.40

Miscellaneous Trowels

No. 800. 5-in.; heavy steel \$0.20
No. 215. Steel. Wood handle35

Transplanting Trowel

Steel shank and blade. Price, \$1.00.

Old English Bulb Trowel

Steel shank and blade. Price, \$1.00.

Old English Bulb Trowel

Heart-shaped blade, 4 ¾ inches wide. For planting out bulbs and plants. Price, \$1.00.

Dibbles

For Planting Bulbs, etc.

Equipped with wooden handles. No. 2180. Brass point. Price, \$1.50.
No. 218. Iron point. Price, \$1.00.

Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.

No. 3. Short handle. Price, 75c.

Neegards

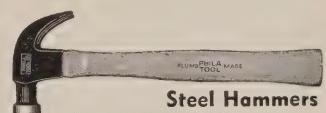
The Modern Knee Protector

Ideal for gardening and housework, floor work, linoleum laying, mining, deckwork. Makes kneeling on hard, rough ground or floors easy. They form-fit your knees and stay in place. (Can be worn over or under clothes.) Price, \$1.35.



Axes

Plumb. Made. Medium man's size; made of best-quality steel. Price, \$2.75.



Steel Hammers

No. 145. Price, \$1.25.



Hatchets

Made of the best-quality tool steel that will keep an edge. Plumb \$1.75

Monkey Wrenches

Made of first-quality hard steel. Each
8-in. \$1.50
10-in. 2.00

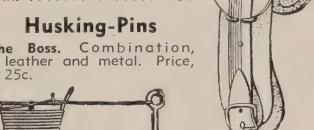
Steel Pliers

No. 70. Side cutting, 6-in. \$1.00
No. 70. Side cutting, 7-in. 1.25



Screw Drivers

4-in. \$.35
8-in.50



Husking-Pins

The Boss. Combination, leather and metal. Price, 25c.



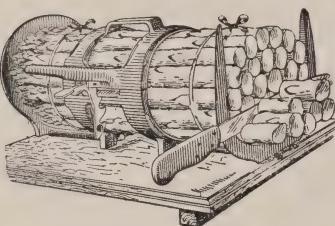
Garden Reels

Medium. Single. Price, \$3.00.

Small. Single. Price, \$2.00.



MICHELL'S FARM and GARDEN TOOLS



Asparagus Bunchers

Even where one has a limited amount of asparagus to market, it pays to use a Buncher. Price, with knife-guard, \$4.50.

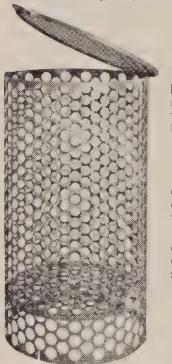
Asparagus Knives

	Each
No. 2501	\$.50
No. 2500	.50
No. 2311	.50

Asparagus Tape

Fast Red. 1000-yd. spool. Price, \$5.75.

Green. 1000-yd. spool. Price, \$4.50.



Rubbish Consumers

No. 5. Made of heavy crimped wire; meshed top and bottom; galvanized; 29 in. high. Price, \$6.00.

ROUND HOLE

It is 32 inches high and about 18 inches in diameter with a perforated raised bottom.

Sturdily constructed and painted a dark green, assuring definite satisfaction.

Price, \$5.00.

EXTRA-HEAVY CONSTRUCTION

No. 20. 20 x 30 in. Price, \$18.00.

Round Hole Rubbish Consumer

Garden Line

Best-quality white cotton braid woven closely. 100-ft. hanks. Price, \$1.00.

Plow Line. Cotton. 45 ft. hanks. Price, 60c.

SEE PAGE 1 FOR PARCEL POST RATES



Mouse and Rat Traps

Made entirely of steel, nickel-plated. Will not warp or crack.

Mouse \$0.10 Rat \$0.25

Corn Knife

No. 300. Eureka. Bent blade. Price, 90c.

Horticultural Knives

727W. 2 blades. White handle. Pruning and budding \$1.60

04993. 2 blades. Stag handle. Pruning and budding 1.50

1001. 1 blade. Cocoa handle. Pruning 1.10

11099½. 1 blade. Aluminum handle. Budding or grafting 1.75

English

7705. 1 blade. Stag handle. Extra heavy pruning 3.50

7954. 2 blades. White handle. Pruning and budding 3.50

English Bill Hooks

For trimming heavy shrubbery, trees, etc. Short Handle. Price, \$3.00. Long Handle. Price, \$4.50.

Horsehide Pruning Gloves

No. 280. Lined, with gauntlets. \$2.25 per pair.

No. 228F. Not lined, no gauntlets. \$2.00 per pair.

No. 217. Not lined, with gauntlets. \$1.85 pair.

Kreme-Skin Garden Gloves

A soft, pliable all-leather, dirt-proof Glove for both men and women. Specially adapted for general home use. \$1.00 per pair.

Pruning Shears

These are procured from the most reliable makers and are fully guaranteed.

No. 156. Disston 8½ in. Length Each \$3.50

No. 127. Disston 8½ in. 2.25

No. 146. Disston 9 in. 1.75

No. 140. Disston 9 in. 1.25

No. 908. Wiss Hy-Power 8 in. 2.25

No. 109. Wiss 8 in. 2.25

No. 607. Wiss. 7 in. Full nickel-plated. Each \$2.00.

No. 5. Michell 9 in. Length Each \$0.65

Spiral Springs. For any of the above Pruning Shears, each 25c; doz., \$2.50.



Hedge Shears

American. 8-in. \$2.75

9-in. 3.00

10-in. 3.25

Bolts and Nuts for Hedge Shears, 30c.

Handles for Hedge Shears, pair \$1.25.

Yeakle Hedge Shears, \$5.00.

Pruning Compound

Used for painting the wounds of trees after pruning.

Oz. \$0.50

Gal. 1.50

Wiss Hedge Shears

Superior construction; blades of high carbon steel, accurately hardened and tempered. Wood-grip handles. Will not tire the arms.

	Each
8-in.	\$3.50
9-in.	3.75
10-in.	4.00

Simplicity Hedge Trimmer

No. 100. To be used for fresh, new growth only. Works rapidly and easily. It will trim every variety of hedge grown and to any shape desired. Price, \$4.50.

Simplicity Hedge Pruner and Trimmer

No. 101. For pruning back old growth and trimming new. Price, \$5.50.

Tree Pruners

Disston's Little Giant Pruner \$2.50

Disston's Little Giant Pruner, with saw attachment 3.50

Prices are for Pruners without rope or pole.



Adjustable Pole Pruning Saw

No. 111. Adapted for sawing by hand or attached to a pole. Handle made of malleable iron with socket, can be adjusted to different angles. Price, without pole, \$2.25.

Poles for Tree Pruners

10 ft. long, 1½-in. diam.	\$2.00
12 ft. long, 1½-in. diam.	2.25
14 ft. long, 1½-in. diam.	2.50

Bamboo. 10 ft. in 3 sections 1.75

Clyde Tree Trimmer

No. 5407. Both blade and hook are made from the best tool steel, firmly riveted to basswood handles. Removable cutting blade and pole complete.

6-ft.	\$3.00
8-ft.	3.25
10-ft.	3.50
12-ft.	3.75
14-ft.	4.00

Extra Blades for Clyde Trimmers, each 35c.

Bartlett Compound Tree Trimmer

No. 1R. Has a compound lever head and is made with a hook and side lever. Will cut a limb up to 1¼ inches in diameter. Prices with pole complete.

6-ft.	\$6.50
8-ft.	6.75
10-ft.	7.00
12-ft.	7.50
14-ft.	8.00
16-ft.	8.50

MICHELL'S FARM and GARDEN ACCESSORIES

Disston Pruning Saws

No. 4.	16-in., double edge	\$1.85
No. 4.	18-in., double edge	2.10
No. 4.	20-in., double edge	2.35
No. 7.	16-in., single edge	2.10
No. 7.	18-in., single edge	2.25
No. 7.	20-in., single edge	2.35
No. 5.	20-in., double edge, curved blade	2.35
California Pattern.	14-in. Crescent-shaped blade	1.75
Yorkstate Pruning Saw No. 22		2.75
No. D27.	A superior Saw for tree-surgery work. Steel blade 6 in. wide of butt; 1 1/4 in. at the point; 26 in. long; hardwood handle	4.00

Cross-Cut Log Saws

Disston Made

No. 554. Champion.	One-man; 3-ft. blade	\$4.00
Great American.	Two-man; 5-ft. blade	6.50

Buck Saw

No. 3. Price, \$1.75.

Carpenter Saws

State if rip or cross-cut is wanted.

No. 8D. Disston. 26-in. blade. Price, \$3.75.

Lopping Shears

No. 1. Disston. Polished hardwood handle, 20 inches long; 2 1/2 inches over all; heavy ferrule; heavy blades for heavy work. Weight, 3 1/2 lbs. Price, \$3.75.

No. 3. Disston Bull Dog. Double-cutting type with both jaws curved and beveled to cutting edge. Length of handles, 20 in. Price, \$3.60.

Disston Lopping Shears

No. 7. Cuts 1 1/2-in. limbs with ease. 24 in. long. Price, \$4.00.

Clyde Draw-Cut Lopping Shears

No. 5402. Blade, hook and shank are forged from tool steel. Natural finish ash handles. Pressed steel strapped ferrule and cap. Length of handles, 30 in. Price, \$4.75.

Clyde Lopping Shears

No. 5409. Solid tool steel blade and hook; hardened steel bolt with lock nut. Handles natural finish ash. Polished pressed steel ferrule and cap. Length of handles, 24 in. Price, \$2.25.

Rhodes Lopping Shears

Makes an absolutely clean, perfect cut. The blades are concealed at the cutting edge, producing with the handles, an enormous leverage. The easiest operating Lopping Shears ever made or sold. 26-in. and 30-in. handles. Price, \$6.00.

Grafting Wax

Used for budding and grafting work and for filling small cavities in trees. 1/4 lb., 25¢; 1/2 lb., 40¢; 1 lb., 65¢.

Grafting Tool

Made of the best steel. For grafting trees etc. Price, \$1.25.

SEE PAGE 1 FOR PARCEL POST RATES

Compound Extension Ladders

These are made in the best manner possible and are complete, being equipped with the necessary rope and pulleys.

20-ft.	85¢ per foot
22-ft.	
24-ft.	
28-ft.	
30-ft.	
32-ft.	
36-ft.	90¢ per foot
38-ft.	
40-ft.	

Single Plank Ladders

Made of good hardwood, free from faulty knots, and with perfect rounds.

8-ft.	\$5.20	18-ft.	\$11.70
12-ft.	7.80	20-ft.	13.00
14-ft.	9.10	22-ft.	14.30
16-ft.	10.40		

Stepladders

Columbia. 3-step up to 10-step. Price per step, 80¢.

Peat Moss, Granulated

For full description, see page 92.

Large bale	\$5.00
5-bu. cartons	.25
1-bu. bags	.30

We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil.

Bemis Erosionet

For New Lawns, Weak Lawns, and Stubborn Terraces



Erosionet is a strong, economical open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its 1/4-inch-square mesh catches and holds seed and sod firmly in place. Thus, damaging washouts from heavy rains are effectively checked without cutting off the sunlight.

Erosionet is quickly and easily applied and can readily be removed when the grass has become established. One width only—45 inches. Price, 13¢ per linear yd. in full rolls (250 yds.). Smaller lengths, 15¢ per lined yd.

Staples for above. Doz., 50¢; 100, \$4.50.

Rubbish Baskets

A Basket for gathering up rubbish and litter will be found a great convenience, especially when it is suited for the purpose. This Basket holds 3 bushels and can be carried or wheeled on a barrow. Price, with rope handles, each \$4.50.

Garden Baskets

No. 4. Without Handle.	Each
1/2-bu.	\$1.10
1-bu.	1.25

Gathering Basket

Very convenient for carrying berry-boxes, asparagus, and other vegetables. Made of oak, with substantial handles. 12 in. wide, 25 in. long, 4 in. deep. Price, \$1.00.

Flower-Picking Basket

Especially designed for gathering flowers with long stems. Featherweight and roomy. 19 in. long, 11 in. wide, 4 in. deep. Price, \$1.00.

Splint or Chip Baskets

With Single Stiff Handles

1/8-bu.	Each	Doz.
1/4-bu.	.25	2.50
2/4-bu.	.30	3.00
3/4-bu.	.35	3.50
1-bu.	.40	4.00



Grape-Protecting Bags

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached, and last a season. The fruit ripens just as readily in them as it does in the open. Bags should be attached when the grapes are the size of a pea, prior to which it is suggested that they be sprayed (even though not affected) against blight or fungous. Leave Bags attached until the fruit is ready to harvest.

100 for 75¢; 1000 for \$7.50.

Boss Fruit Picker

Made substantially of galvanized wire. Can easily be attached to a pole of any length. Price, 75¢.

Berry Boxes

1-pt.	100	1000
1-qt.	1.50	12.00



Mole Traps

Acme Mole Traps

For catching moles that ruin lawns and damage the contents of hotbeds and cold-frames. Moles usually move about 5 a.m. and 5 p.m., so that Traps should be set for that period.

Acme. Safe, sure, easily set. The most efficient Mole Trap on the market ...\$2.00
Reddick

MICHELL'S GARDEN and GREENHOUSE ACCESSORIES

Painted Labels

POT	100	1000
4-in., $\frac{5}{8}$ -in. wide	\$0.40	\$2.50
4 $\frac{1}{2}$ -in., $\frac{5}{8}$ -in. wide	.45	2.60
5-in., $\frac{5}{8}$ -in. wide	.50	2.75
6-in., $\frac{5}{8}$ -in. wide	.60	3.00

GARDEN

8-in., $\frac{7}{8}$ -in. wide	1.10	6.75
10-in., $\frac{7}{8}$ -in. wide	1.75	8.00
12-in., $\frac{7}{8}$ -in. wide	2.00	11.50

FIELD

18-in., 1 $\frac{3}{4}$ -in. wide, not painted	5.00	48.00
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Tree Labels

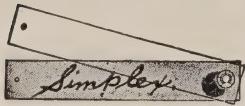
Doz.	100
Copper Sheet. Wired	\$0.40
Zinc Sheet. Wired	.40
Indelible Marking Pencils.	15c.

Celluloid Pot Labels

Doz.	100
No. 21. 4x $\frac{5}{8}$ in.	\$0.40
No. 22. 5x $\frac{3}{4}$ in.	.60
	3.00

Simplex Weather-Proof Garden Labels

Iron stake, 2 feet long.
No. 10, 2 $\frac{3}{4}$ x 1 $\frac{1}{2}$ in.
Each, 35c; doz., \$3.50.



Simplex Weather-Proof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

Doz.	100
No. 1. 3x $\frac{1}{2}$ in.	\$0.60
No. 2. 4x $\frac{3}{4}$ in.	.85
No. 3. 5x1 in.	1.25
	7.00

Perfect Garden Labels

With an ordinary lead pencil write or print on the horizontal marking space, which remains permanently legible in all sorts of weather. The beautiful color blends with the soil, foliage and rocks.

Doz.	100
Border Size. 5 in. long; width of marking space, 2 in.	\$1.00
	7.75

Rock Garden Size.	4 in. long; width of marking space,	1 $\frac{3}{4}$ in.	90	6.75

Show Garden Size.	7 in. long; width of marking space,	2 $\frac{1}{8}$ in.	1.25	9.50

Simplex Green Weather-Proof Plant Labels

Easily marked with a sharp, pointed steel stylus, which cuts through to the white base. Doz. 100.

No. 31. 3x $\frac{1}{2}$ in.	.....	\$0.45	\$2.50
No. 32. 4x $\frac{3}{4}$ in.	.....	.75	4.00
No. 33. 5x1 in.	.....	.90	5.50

Evermark Pencils

You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. Each, 15c; doz., \$1.65.

Reflecto Signs

For the suburban dweller requiring a house number or name sign easily distinguishable at night. The jeweled reflection buttons, set in cut-out letters, light up at night under headlight glare, spelling your name, house number or any directional marking, and are very attractive by day as well.

Available in a variety of panel styles. Reflecto Signs are made to order only, ranging upward in price from \$1.15 for one letter or numeral mounted on panel, depending on the number and size of the figures. Standard color combination is moss green letter on natural wood.

Reflecto Letters and Numerals only (without panel) for easy attaching to any surface are available at the following prices:

2 in. or 2 $\frac{3}{4}$ in. high	\$0.65
3 in. ....	.85
4 in. ....	.95

Night Eye

The simple marker, inexpensive and practical, for the long driveway. Lenses mounted on both sides of clear pine stakes. Black, white or green stain. Each, 50c; doz., \$5.75.

Lawn Signs

Excellent for putting on grass plots where thoroughfare is not desired.

Iron. Painted gray, trimmed red. Each, \$1.00; doz., \$10.00.

Tin. Each, 25c.

"No-Gunning" Signs

Printed on heavy cardboard, with large black lettering. Size 12x13 in. Price, each, 35c; 6, \$1.80; doz., \$3.50.

Iron Plant Stands

Enamored Green.

Size	Size of Plates	Each
12 in. 5x7 in.	...\$2.10	
18 in. 5x7 in.	....2.25	
24 in. 8x10 $\frac{1}{2}$ in.	....3.15	
30 in. 8x10 $\frac{1}{2}$ in.	....3.25	
36 in. 8x10 $\frac{1}{2}$ in.	....3.40	
42 in. 8x10 $\frac{1}{2}$ in.	....3.50	
48 in. 8x12 in.	....3.75	
60 in. 8x12 in.	....4.00	
72 in. 8x12 in.	....4.50	

Wire Plant Stands

Painted dark green and finished in bronze. Very substantial and will carry almost any weight that can be placed on them. We recommend the Jones style, as it is collapsible and takes up very little space when not in use.

Height	Width	Depth	Price
Jones. 1 shelf.	27 in.	25 in.	14 in.
Jones. 2 shelf.	....28 in.	....30 in.	21 in.
Jones. 3 shelf.	....36 in.	....30 in.	22 in.

Michell's Double 3-Ring Plant Support

The only support of its kind on the market. Indispensable in the proper growing of Carnations and Snapdragons. Made of heavy galvanized wire which will not rust. Can be put together in less than a minute, and will not fall apart. Can be raised or lowered to suit plants.

No. 1. For Carnations. 28 in. high. Doz., \$2.00; 100, \$15.00.

No. 2. For Snapdragons. 48 in. high. Doz., \$2.50; 100, \$16.50.

Timesaver Plant Support

A long-lived, low-priced adjustable Support, all metal parts being galvanized. Java end is green. Can be adjusted to fit height and size of loop almost instantly, and is practically hidden by the foliage of the plant it supports.

Doz.	1. 2 $\frac{1}{2}$ -ft.	\$1.00
No. 2. 3-ft.	....1.20	
No. 3. 3 $\frac{1}{2}$ -ft.	....1.50	
No. 3A. 4-ft.	....2.10	
No. 4. 5-ft.	....2.75	

Adjusto Plant Support

Consists of a stake $\frac{7}{8}$ inch square and of different lengths, as may be required, and an anti-adjustable patented loop of 7-gauge strong spring-wire for supporter. It contains no nails, hooks or screws.

A permanent equipment which can be used year after year.

1 $\frac{1}{2}$ ft. high	Each
15c; doz., \$1.20	
2 ft. high	Each
20c; doz., \$1.50	
3 ft. high	Each
25c; doz., \$2.50	
4 ft. high	Each
30c; doz., \$3.00	
5 ft. high	Each
35c; doz., \$3.40	
6 ft. high	Each
40c; doz., \$3.75	

Michell's Tomato or Peony Support

Made of galvanized wire in a substantial manner. Stands solid and firm. Price, each, 40c; doz., \$4.00; 100, \$32.50. Folds flat for storage.

Fan Trellis

Made of wood and painted white.	
18-in.	\$0.35
24-in. ....	.50
30-in. ....	.65
36-in.	1.00
42-in.	1.25
48-in.	1.50
72-in.	2.50
84-in.	2.75

Lattice Trellis

Made of wood and painted white. 24 in. wide. 6-ft. \$2.75 9-ft. 4.00 7-ft. 3.25 10-ft. 4.25 8-ft. 3.75 12-ft. 5.50

Continuous Wire Trellis

Excellent for training vines of all kinds up porch verandas, pergolas, etc. Thoroughly galvanized and well made. Any length desired up to 165 running feet. 18 in. wide. Less than 165-ft. roll, ft., 10c. 7-ft. wide. In roll lots, 165 feet, ft., 9c. 24 in. wide. Less than 165-ft. roll, ft., 12c. 24 in. wide. In roll lots, 165 feet, ft., 10c.

MICHELL'S SPRAYING APPARATUS

Parlor Watering-Can

Enamelled

For the enclosed porch and window boxes; oval shape; green or ivory; long spout. 2-qt. tin, enamelled \$1.35

Watering-Cans, Wotherspoon's

Galvanized; extra heavy, with long spout and two Roses—one coarse and one fine. These cans are not available.

	Round	Oval
4-qt.	\$ 7.20	
6-qt.	7.80	8.60
8-qt.	8.50	9.40
10-qt.	9.30	10.30
12-qt.	10.30	11.40
16-qt.	12.30	13.60
4-qt. Fern or Low Watering-Can		7.00

EXTRA ROSES OR SPRAYS

For Wotherspoon's Watering-Cans, either coarse or fine. Price, 60¢.

Bellows

Large, double cone	.....	\$ 8.00
Large, single cone	.....	6.25
Small, single cone	.....	4.75
Sulphur Bellows	.....	5.25

Revere Copper Watering-Can

An ornamental as well as a very useful utensil for the conservatory or window garden, made by a widely known manufacturer of unusual metal ware. Body and spout of solid copper and handle of brass.

2-qt.	.....	\$ 2.75
1-pt.	.....	2.00

Dobbins Duster

A well-made Duster with steel-cut gears that run in oil. Revolving agitator feeding device with handy control and volume indicator. Curved adjustable body support. For dusting all low-growing crops such as beans, melons, potatoes, tomatoes, cabbage, berries, tobacco, cotton, etc. It can be used very effectively on shrubbery and small trees. Discharge equipment includes four 15-inch pipes, one branch connection, two elbows and two nozzles. Capacity, 3 to 6 lbs. This Duster can be made to discharge dust in rear of operator, by addition of No. 1208 fittings. One in carton. Weight, 14 lbs. No. 100. Price, \$14.50.

Dobbins Duster, No. 132

Highly recommended for applying the more expensive Pyrethrum, Rotenone, and Dennis Root dust insecticides with economy and effectiveness. New principle assures a uniform discharge. Equipped with 2-foot extension with patented 2-way cap for dusting top and under side of leaves. For all garden and field crops. Will handle all dust insecticides. Capacity, 1-lb. Pump: 4-in. diameter, 1½-in. stroke. Equipped with Self-Lubricating Pressure Seal, Valve Plunger Powder Chamber: 3-in. diameter, 4½-in. long. Two-way dust cap, perforated for dusting top of leaves and slit for under-leaf dusting. 24-in. extension tube. Price, \$1.35.

Brown's Crystal Duster

This new type Duster for use in either the flower or vegetable garden has the glass jar showing balance of dust therein. Equipped with a long extension and adjustable nozzle which permits dusting without bending. Capacity, 1 qt. Price, complete, \$1.75.

Hudson Duster

No. 606. Adapted for all truck farms, gardens, small orchards, and vineyards. Will handle all agricultural dusts. Made of heavy steel; gears machine-cut. Equipped with 2 nozzles, Y connection, and 4 15-inch telescoping tubes, also 2 adjustable carrying straps. Price, \$14.00.

Cyanogas Foot Pump Duster

A high pressure pump of rugged construction ideal for use in extermination work for rats, woodchucks, moles, and other burrowing animals. Easily forces Cyanogas A-Dust deep into the burrows of the pests—killing them instantly. Especially useful for rat and mole control. Will give long service. Price, \$7.50.

Cyanogas Hand Duster

Specially designed for applying Cyanogas A-Dust in small quantities. Price, \$3.50.

Bucket Pumps

Myers No. 327½. A double brass-chamber arrangement. Price, \$6.50, including hose and nozzle.

Aprons

For protecting the clothing while watering, etc.

Rubber	.....	\$ 3.50
Blue Denim	.....	1.75

Paragon Sprayers

These Sprayers are of superior quality in material and workmanship. They will not clog, therefore it is not necessary to strain the material used. Not only do they handle insecticides, fungicides, and disinfectants, but also whitewash, cold water paints, etc.

No. 0. Capacity, 3½ gals. Equipped with 4-ft. special spray hose, 3-ft. spray pipe, and 3 nozzles. Price, \$14.00.

No. 1. Capacity, 6 gals. Equipped with 5-ft. special spray hose, 5-ft. spray pipe, and 3 nozzles. Price, \$19.75.



No. 3. Capacity, 12 gals. Equipped with truck, 10-ft. special spray hose, 7½-ft. spray pipe, and 3 nozzles. Price, \$26.00. Without truck, \$22.00. We can also supply this Sprayer with single wheel at same price.

No. 4. Capacity, 28 gals. Equipped with truck, 20-ft. special spray hose, 10-ft. spray pipe, and 3 nozzles. Price, \$43.00.

No. 5. Capacity, 50 gals. Equipped with 25-ft. special spray hose, 10-ft. extension pipe, one 3-way spray nozzle, 1 single-spray nozzle; no truck. Price, \$50.00.

Bucket Washers for Paragon Sprayers, 25c.

FITTINGS FOR PARAGON SPRAYERS

No.	Description	Price
E85.	2-Way Spray	\$ 2.75
B35.	Extension Pipes	.65
E86.	Y Fitting	1.10
B7.	Hose Coupling, complete	1.20
B18.	Strainer	1.40
B10.	Female Hose Coupling	.80
B20.	Stop-Cock	1.10
B24A.	Mist Spray Nozzle	1.00
B22.	Brass Hose Bands	.10
Spray Pump Hose.	¾-in. x 10 ft.	.22
Extension Pipe	with bent end for Paragon Sprayers	.60

Myers' Kwikfill Compressed-Air Sprayer

No. 2242. Galvanized Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price, \$8.35.



No. 2242B. Brass Tank. Capacity, 4 gals. 1½-ft. brass extension rod. Weight, 13 lbs. Price \$12.50.



Auto Spray

A compressed-air sprayer with open head and strongly reinforced corrugated tank.

No. 4-B. Brass Tank. Capacity 4 gals. Equipped with hose and Auto-Pop attachment. \$14.00.

No. 4-D. Steel Tank. Capacity 4 gals. Equipped with hose and Auto-Pop attachment. \$8.50.

No. 400-D. A 4-gal. capacity sprayer, electrically welded, galvanized coated, easy to fill funnel opening, automatic shut-off, with stay open feature. Price, \$7.50.

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When purchased separately: Plain, \$1.75 each; complete with hose, \$2.00.

Extension Pipes, Etc.

For reaching into trees. ¾-in. threads.

Bamboo, brass-lined, 8 ft.75

Bamboo, 2 ft.75

Pet Cock, for extension pipes 1.25

Paragon Extension, 2½ ft.60

Swivel Nozzle

For watering plants, trees, and shrubbery at the roots.

By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$2.50.

Root Irrigator

For watering plants, trees, and shrubbery at the roots.

By simply inserting into the ground to the desired depth and opening the valve, the water is released where it does the greatest good. Complete with shut-off valve. Price, \$2.50.

The Misto Bottle Sprayer

An ideal Sprayer for applying various insecticides to house plants. Makes a fine mist, avoiding all drip. So simple in design it will last forever; nothing to get out of order. Made of metal, nicely nickelled. Can be used in connection with almost any ordinary bottle. Guaranteed in every respect or money back. Price, with bottle, \$2.25.

Michell's Hand Compressed-Air Sprayer

This is the best Hand Sprayer ever offered. Very easily operated. Especially preferred by the ladies.

Tin. Price, \$1.00.

Brass. Price, \$2.00.

Here are Sprinklers to suit everybody's pocketbook

MICHELL'S SPRAYERS and SPRINKLERS



NEW Harco Sprayer

Here's the efficient, easy-to-use sprayer you want at the down-to-earth price. Sprays up, down, sideways without adjustment. No leaks or drips to wet hands or stain clothing. Order yours today. Price, \$2.35.

Hudson Hand Sprayer. Price, 50c.

Streamline Blizzard Sprayer

No. 14C. Solid Copper Tank. Capacity, 1/8 gts. Weight, 2 1/2 lbs. Continuous spray. Price, \$2.75.

Wheelbarrow Sprayer

Wheelbarrow Sprayer No. 50. Adapted for spraying vegetable crops, flowers, vineyards, orchards, etc.; also for spraying disinfectants or whitewash in poultry-houses or other buildings. Steel frame made in one piece; heavy galvanized tank; all-brass pump; 8-foot hose; all working parts brass; double action; continuous spray. Pump easily detached from the tank and the tank with wheel and frame used for wheeling water. Price, \$19.00.

Myers' New Idea Knapack Spray Pump

No. 1330. Galvanized Tank. Capacity, 4 gals.; 1 1/2-ft. brass extension rod. Weight 15 lbs. Price, \$19.00.

Gould's Fruitall Barrel Pump

A high-grade Pump at an attractive price, within the reach of everyone who has need for such a Pump. Extremely simple in design and a serviceable and reliable sprayer; 2-inch diameter cylinder; bronze wearing parts. Plain Pump, no hose, nozzle, or barrel, \$16.50.

Gould's Pomona Barrel Pump

Of large capacity and powerful, with long adjustable leverage. Can be used for feeding one or two leads of hose. All working parts are bronze, with lasting qualities. Plain pump, 2 1/2-in. diam. cylinder only (no barrel), \$30.00.

Barrels for holding spray solution, 50-gal. capacity, each \$8.50.

Truck with 3 1/2-in. tire wheels, \$25.00.

Spray Nozzles (3/8-in. Thread)

Mistry, Jr. (Fig. 1688). Straight style ... \$1.25

Mistry, Jr. (Fig. 1691). Elbow style, 1.25

Fig. 1074 1/2. Y connection for making a double spray-head Nozzle 60

Bordeaux Nozzle. (Fig. 1692) 1.25

If Nozzles are wanted for 3/4-in. hose connections, add 70c to above prices.

Asbestos Torch

For burning out worms, caterpillars, and other tree pests. Price, 60c.

Poles for Torch. 12 ft. Price, \$2.25.

Bamboo. 12 ft., 50c.

Bamboo. 12 ft., in 3 sections. Price, \$1.75.



Arnold Garden Hose Insecticide Sprayer

AS EASY AS WATERING YOUR LAWN
The Arnold Garden Hose Sprayer attaches to your garden hose in place of the regular nozzle. It consists of shut-off, cartridge chamber and extension nozzle. Price, \$4.00.

Arnold Cartridges are available in the following forms:

Pyr-O-Spray	Arsen-O-Spray
Nic-O-Spray	Sulph-O-Spray
Funguspray	Vitamin B ₁
Cop-Ar-Nic	Pyrethrum-Rotenone
Rot-O-Spray	

Each, 35c; doz., \$4.00.

Complete Outfit. Consisting of Sprayer and Selection of six cartridges, \$5.75.

Syphonette

This unique solid brass device, attached to garden hose, enables measured distribution of Vitamin B-1, soluble fertilizers, fungicides and insecticides. Each, \$2.50.

Dupor Respirator

For protection from harmful dust and light fumes (not effective against poisonous gas). Should be worn when working with insecticidal dusts, arsenicals, and dry fertilizers. Covers nose and mouth. Price, \$3.00.

Double Rotary Sprinkler

A favorite with country clubs for watering putting-greens. Covers a radius of 15 to 40 feet. Price, \$12.50.

Spray-Wave Sprinkler

The ideal oscillating Sprinkler for lawn, flower bed, rock garden, or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40x40 feet at 35 pounds pressure. Price complete, \$19.25, for 3/4-inch hose connection.

Parkside

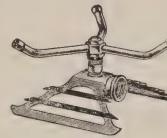
Suitable for high or low water pressure. Adjustable for every sprinkling condition. Sprinkles from a fine mist to a heavy shower, and will cover a circle 20 to 48 feet in diameter. Price, \$3.35.



See page 1 for Parcel Post Rates.

MICHELL'S SPRAYERS and SPRINKLERS

Zenith



Highly polished brass head and arms. Sprinkles a circle up to 32 feet in diameter. 4 inches high. Price, \$1.50.

Skinner System of Garden Irrigation

Line covers 25 feet on each side.	Stationary	Portable
50-ft. lengths \$19.00		\$21.50
100-ft. lengths 30.00		40.00

F. o. b. factory.

Prices on longer lines on request.

Posts for above lines, 10c per foot. Specify if lines are to be pipe- or hose-fed.

Automatic Oscillator for above lines, \$27.50 extra.

Hand Turn Union is included in above prices.

Rain-Wave

Covers a space 50 to 60 feet square. Adjustable to one-half or one-quarter full coverage. Weight, 17 lbs. Price, \$38.50.

Roto-Spray

A high-type Sprinkler for parks, golf-course fairways, cemeteries, and spacious lawns. The principle of operation is a long-throw, effective stream supplemented by a secondary spray covering the central area. Covers a circle 95 to 120 feet in diameter, depending on pressure. Made of solid brass. Price, \$17.50.

Roto-Spray, Jr.

Same principle but of lighter construction. Price, \$14.00.



Sherman Portable Sprinkler

Price, 85c.



Crescent

Height, 2 in. Price, \$1.00.



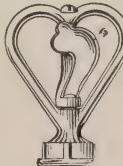
Large Ring

Height, 2 inches. Price, \$1.25.



Baby Ring

Height, 2 in. Price, 80c.



Blake

A Sprinkler Head used where there is a pipe system on the lawn or golf course. Price, each, 65c; doz., \$7.25.

Rubber Sprinklers

Either in straight or crooked neck.

8-oz. capacity	\$0.80
14-oz. capacity	1.25
Scollay. 12-oz. capacity	1.50

The Aeroil Weed Burner eliminates weeds in a hurry

MICHELL'S FARM, GARDEN and GREENHOUSE SUPPLIES

THERMOMETERS

No. 7022. Maximum and Minimum. Registers the coldest and warmest point during the previous night. 10-in., black tin case. Price, \$5.50.

Tested Thermometers

No. 5420-S.	Greenhouse.	8-in. metal case	Each \$1.40
No. 5400-S.	Greenhouse.	12-in.	3.00
No. 5054.	Genuine Copper Case.	10-in.	1.75
No. 5023.	Wood Back, Black Scale.	8-in.	1.25
No. 5127.	Temprite Greenhouse.	8-in.	
White enamel; red column			
No. 5316A.	Temprite Window or Wall.	8-in. White enamel; red column	1.25

Glass Dairy Thermometers

For testing milk, etc.; also used for soil purposes. Price, 50c.

Mushroom or Hotbed Thermometer

No. 20450. Iron point; oxidized finish. Price, \$4.00.

Electric Thermostat

This device can be set to ring an alarm when the temperature goes above or drops below a desired point. All brass.

No. GH3. Not waterproof style. Price, \$14.00.
No. GH4. Waterproof style. Price, \$20.00.

Rubber Goggles

For protection of the eyes while working with harmful dusts and gases. Price, \$3.25.

Aeroil Weed Burner

A new application of an old principle, the Aeroil Burner is a practical, efficient weed-destroyer. When properly used it will positively destroy any kind of weed or brush, killing stems, roots and seeds once and for all. Especially valuable for burning out heavy infestations of crab grass, as reseeding can be done much sooner than when chemicals are used. Has many other uses. Write for complete details.



*The Aeroil Burner can be used with any type compression tank.

Michell's Wagon Heater

For heating wagons, automobiles, or delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$10.00.

COAL FOR WAGON HEATER

20 briquets, \$1.25; 100 bricks, \$9.50.

Peerless Glass Repair Clamp

For supporting broken lights of glass. Will not rust. Price, 100 for \$2.00.

Glass Cutters

Single Wheel, steel	Each \$0.30
6-Wheel, steel	.55
No. 8. Small Diamond.	Ebony handle... 7.00
No. 8A. Large Diamond.	Mahogany handle 8.00

Mastica Machine

For distributing Mastica, etc. Made of heavy zinc. Price, \$3.75.

Masticote Glazing Cement

Black. Apply with a Mastica machine. Gal., \$1.50; 5 gals., \$5.50.

Greenhouse Paint

A superior white paint for sash-bars, sash-frames, etc. Gal., \$4.50.

Liquid Glazing Putty

Superior to ordinary putty; more easily applied and lasting. Can be put on with a putty bulb or Mastica machine.

Especially adapted for glazing wood and metal sash. Gal., \$2.50; 5 gals., \$10.50.

Skybrite Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybrite, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 square feet of glass. 5 lbs., \$4.00; 25 lbs., \$16.50.

Glatz Gun

For applying liquid glazing putty, Mastica, etc. Price, \$4.25.

Glazing Chisel

Made of the best quality steel. Price, \$2.00.

Hotbed Sash

Philadelphia Style. Made of best quality cypress. Size: 3 ft. 1 1/2 in. wide, 6 ft. long, 1 3/4 in. thick. Each

Plain, not glazed or painted \$4.00

Complete, putted, glazed and painted 8.50

Hotbed Mats

Hotbed Mats keep frost and severe cold out of frames. They are padded with shoddy and are practically indestructible.

Burlap, Non-Waterproof. 76x76 in., covering two regular size sash. Each \$4.00; doz., \$45.00.

Burlap, Non-Waterproof. 40x76 in., for one sash. Each, \$3.00; doz., \$30.50.

Burlap, one side, Waterproof Drill one side. 76x76 in. Each, \$6.00; doz., \$70.00.

Burlap, one side, Waterproof Drill one side. 40x76 in. Each, \$4.00; doz., \$46.50.

Michell's Cold Frame

Price, \$5.50.

Artificial Grass Mats

Green Raffia woven on heavy burlap. Size 3x6. Price, each \$3.50.

Flex-O-Glass

A glazed cloth used in place of glass in poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind. 3 ft. wide.

Cut pieces, yd., 30c. Full-roll lots (100 yds.), yd. 25c.

Cel-O-Glass

Grow your own plants and get earlier flowers and vegetables with Cel-O-Glass. Use the new improved style. You can fold frames and hotbed sashes for such important new uses as cylinders and cones for individual plants, formers for row plants, and newly-planted seeds. Can be used where ordinary glass and cloth cannot, and is much lighter. Sashes are easier to handle, not affected by heat, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent, lets in the ultra-violet rays of sunshine.

28 in.

Cut pieces, per running ft. \$0.35
Rolls of 25, 50, and 100 ft., per running foot32

Glazing Points

Peerless. Three sizes.

1	2	3
No. 1.	For single glass.	
No. 2.	For single glass.	
No. 2 1/2.	For double-thick glass.	

Price, 1000, 80c.

GLAZING POINTS

Pincers. For driving Peerless Points. Price, \$1.00.

No. 1. Peerless	
No. 2. Seiber's	Seiber Style. Zinc. Made
No. 3. Zim Nails	with a prominent head. Cannot rust. Easily driven. 5 1/2-, 3 1/4-, and 7/8-in. Lbs., 75c; 5 lbs., \$3.50. (1000 to 1200 in a pound.)

Zinc Glazing Nails. Lb., 75c.

Germaco Hotkaps

Protects plants from frost and other elements; matures crops earlier; keeps insects out; keeps soil soft. Made of scientifically constructed wax paper.

1000 lots \$11.00

Traypk. (250) including Setter and Tamper 4.25

Home Pkg. (100) including Setter and Tamper 2.85

Home Garden Pkg., containing 25 Hotkaps and Cardboard Setter 50

Garden Setter 50

Tar Felt Pads

For protecting plants against maggots. Lay flat on the ground; non-curling. Price, 100, 50c; 1000, \$4.00.

Twines, Etc.

White Cayuga. Ball Lb.

No. 108. Medium \$0.55 \$0.95

No. 208. Heavy55 .95

Jute. 2-ply and 3-ply 30 .50

Green Sea Island25 1.25

No. 4 1/2. Twine. Medium heavy40

White Cotton. 3-ply and 4-ply25 .90

Peerless. Color, Nile green 1.50

Tarred. For mat-making45

Tarred Sisal. For fodder25

Binder. Large ball25

Express. Very heavy40

Green Silksilk. For stringing Smilax, Asparagus, etc. F. fine FF; FFF; medium; FFF; coarse.

Spool, 50c; lb., (8 spools), \$3.25.

Everbest Thread. Very similar to the above; fast color. Spool, 25c; lb., \$1.50.

Spool, 25c; lb., \$1.50.

Raffia

For tying, basket making, and fancy work.

Natural Color. 1/2 lb., 30c; lb., 45c; 5 lbs., \$2.00.

Green. 1/2 lb., 60c; lb., \$1.10; 5 lbs., \$5.00.

Spool, 25c; lb., \$1.50.

Raffiatape

For tying bouquets, flower boxes, or for any other purpose where attractive tying material is desired. Color, Nile green. Spool of 250 yards, \$1.00; 6 spools, \$.50.

Per spool, 25c.

Celery Bleachers

A practical, inexpensive device for bleaching early celery, made from a special process paper which is waterproof.

Per 100, 6 1/4 in. \$2.25 \$15.00

7 1/4 in. 2.50 17.00

Celery Handler. Brass, \$3.00. Tin, \$1.00.

Here are Stakes suitable for all kinds of plants

MICHELL'S PLANT STAKES' Etc.

Green-Painted Tapering Plant Stakes

	Each	Doz.	100
1 1/2 - ft.	\$.04	.30	\$1.85
2 - ft.	.07	.55	3.50
2 1/2 - ft.	.08	.75	5.00
3 - ft.	.11	1.00	6.50
3 1/2 - ft.	.12	1.25	8.25
4 - ft.	.15	1.50	9.75
5 - ft.	.17	1.80	12.75

Green-Painted Rose or Dahlia Stakes

	Each	Doz.	100
3 - ft.	\$.015	1.65	\$11.00
4 - ft.	.20	2.00	13.50
5 - ft.	.25	2.50	18.00
6 - ft.	.30	2.85	21.00

Ash Wood Garden Stakes

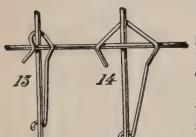
	Each	Doz.	100
3 - ft.	\$.008	.85	\$6.00
4 - ft.	.12	1.25	8.00
5 - ft.	.15	1.60	10.00

Hyacinth Stakes, Wood, Dyed Green

Used for staking hyacinths, tulips, and slender plants

	Doz.	100	1000
12-in.	\$.007	.30	\$2.00
15-in.	.09	.35	2.25
18-in.	.10	.40	2.75

Stake Fasteners



These take the place of string entirely, lasting several seasons. Used for fastening cross wires to galvanized stakes.

Eureka	Everlasting	Perbox	Perbox
		500	1000

Everlasting Style. Heavy \$2.00 \$3.50

Eureka Style. Light 1.75 3.00

Poles (Wood)

	Each
10 ft. long, 1 1/2-in. diam.	\$2.00
12 ft. long, 1 1/2-in. diam.	2.25
14 ft. long, 1 1/2-in. diam.	2.50

Bamboo Poles

Used extensively for brushing worm-casts off putting-greens; also for staking young trees.

	Each	Doz.
16 ft. long	\$.035	3.50
18 ft. long	.40	4.00
20 ft. long	.50	5.00

Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	Doz.	100
4 ft. high, 1/2 to 5/8-in. diam.	\$.090	\$6.00
6 ft. high, 5/8 to 3/4-in. diam.	1.25	8.50

Lightning Wire Stake Tie



For fastening plants to stakes, either wire or wood. Can be used many times. 100, 35c; box of 1000, \$2.00.

Twist-Ems

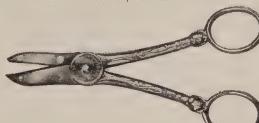
The New Handy Plant Tie

	4 in., 250 in box	8 in., 125 in box	16 in., 125 in box	.....
	\$0.25
				.25
				.50

Grape Scissors

For thinning out bunches of grapes and not disturbing the berries that are to remain for development.

No. 846. 6-in. Price \$2.00.



Garden Club Flower Scissors

No. 615. Price, \$2.00.

Eversharp Flower Shears

No. 1248. A wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price \$1.00.

Florists Shears

No. 369.	7-in.; serrated edge; long blade	.....	\$2.00
No. 833.	7 1/2-in. Used for cut-flower etc.	.....	1.75
No. 832.	8-in. Used for cut-flower wire, etc.	.....	1.75
No. 12.	8-in. For heavy wire and tin	.....	2.00
No. 10.	10-in. For heavy wire and tin	.....	2.50

Paper for Wrapping Flowers

Lb.	1/2 ream	Ream
Manila.	Heavy. 24x36 in.	\$.225
Tissue.	24x36 in.	\$.25
White Wax.	24x36 in.	\$.35
Green Wax.	24x36 in.	.50

Crepe Paper (Waterproof)

Colors: Moss-Green, Nile-Green, Red, Blue, Pink, Yellow, Purple, Lavender, and White. Rolls 10 ft. long, 20 in. wide. Price, 60c.



Rustic Window-Box

Window Boxes

Wooden Rustic Bark Style. Attractively made and neatly finished. For indoor or outdoor use.

Depth	Width	Price
24 in.	7 1/2 in.	\$.20
30 in.	7 1/2 in.	\$.25
36 in.	7 1/2 in.	.30

Any length made to order, \$1.00 per running foot, 11 inches wide.

Savo Self-Watering

The Savo Flower- and Plant-Boxes are made of the best grade of galvanized steel, with neat round corners and a full roll rim. Watering is easy, drainage ample, air-circulation perfect. The green enamel finish, both inside and out, prevents rust or leakage. Reservoir requires water about every 10 days to two weeks.

Height	Width	Length	Price
Model A.	8 in.	9 1/2 in.	\$.35
Model B.	8 in.	9 1/2 in.	4.25
Model C.	8 in.	9 1/2 in.	4.75
Model D.	8 in.	9 1/2 in.	5.25

These are outside measurements, including the 3/4-in. roll rim.

Perfecto Flower Boxes

Air-circulating Self-irrigating

Made of coppered steel, which will neither rust nor deteriorate. Finished in enameled green.

Length	Depth	Width	Price
20 in.	6 in.	7 in.	\$.150
26 in.	6 in.	7 in.	1.75
32 in.	6 in.	7 in.	2.00
38 in.	6 in.	7 in.	3.00
44 in.	6 in.	7 in.	3.50

These can be furnished in ivory color at an additional cost of 25c each.

Plain Wood Style

(Painted Green)

We recommend these for use at the temporary summer home in the country or at the seashore, or in cases where one may not feel like spending a larger amount than these entail.

Cut Flower Boxes

CORRUGATED PAPER

These are desirable for shipping cut flowers from country estates to city residences. Very durable. Prices include clips for setting up.

Length, Width, Depth	Each	Doz.
48 x 14 x 8 in.	\$.75	100
42 x 14 x 8 in.	.60	5.00
36 x 14 x 6 in.	.55	4.50
30 x 12 x 6 in.	.50	3.50
24 x 8 x 5 in.	.35	2.50

LIGHT-WEIGHT PAPER BOXES

Mist-green, lined white inside. Sizes offered in this finish, also in manila, mist-ton and Oxford gray can be supplied on short notice.

Length, Width, Depth	Doz.	100
18 x 2 x 3 in.	\$.70	47.5
24 x 3 x 3 1/2 in.	1.10	7.50
24 x 3 x 3 in.	.35	9.75
28 x 8 x 5 in.	.20	13.00
30 x 10 x 6 in.	.20	17.50
36 x 12 x 6 in.	.30	22.50
36 x 8 x 5 in.	.30	16.50
36 x 10 x 6 in.	.275	21.00

We can also supply other sizes and styles of Boxes.

BB Garden Flats

These are a great convenience to anyone growing plants, flowers, or vegetables off seed. Made from choice lumber and have no removable front so that the pots can easily be taken out without breaking the soil or disturbing the roots. The 2-inch flats are suitable for most growing plants and smaller vegetables; the 3-inch pots, for tomatoes, eggplants, cabbage, etc.

PRICES FOR FLATS ONLY

No.	Size	Capacity	Each
X1.	12 3/4 x 12 3/4 in.	36	\$.50
X3.	12 3/4 x 12 3/4 in.	16	.35
X118.	12 3/4 x 18 3/4 in.	54	.25
X318.	12 3/4 x 18 3/4 in.	24	.35

PRICES COMPLETE WITH POTS

No. P1.	2-in.	.....	\$1.00
No. P2.	3-in.	.....	1.35

See page 87 for other seed flats.

PRICES ON POTS ONLY

Ot.	1/2-bu.	\$1.25
4 qts.50	1 bu.	2.00

PK.

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MICHELL'S POULTRY and ANIMAL FOODS and TONICS

Prices of Poultry Food fluctuate constantly and are subject to change.

Alfalfa Meal. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

Berley. Qt., 20c.

Bran, Wheat. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

Broken Rice. Lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.25.

Buckwheat. Qt., 20c.

Cat Food (Spratt's). Saves the labor of especially preparing food for tabby. Small carton, 15c; large carton, 35c.

Catnip Balls. A plaything and tonic for your cat. Each, 20c.

Charcoal, Fine or Coarse. 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.40; 100 lbs., \$4.00.

Chick Food (Michell's). 5 lbs., 30c; 10 lbs., 55c; 25 lbs., \$1.00.

Chick Starter Food with Buttermilk (Spratt's). 5 lbs., 40c; 10 lbs., 80c; 25 lbs., \$1.35.

Corn Meal. Special Process. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.50.

Cracked Corn. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 85c; 100 lbs., \$3.25.

Developing Food (Michell's). 5 lbs., 30c; 10 lbs., 55c; 25 lbs., \$1.00.

Grit, Fine, Medium, and Coarse. 5 lbs., 15c; 10 lbs., 25c; 25 lbs., 50c; 100 lbs., \$1.50.

Grit (Red Cross Health). For pigeons. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 85c; 100 lbs., \$2.75.

Hemp Seed. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.50.

Hulled Oats. 5 lbs., 40c; 25 lbs., \$1.75.

Kaffir Corn. Lb., 20c; 10 lbs., \$1.25.

Linsseed Meal. Lb., 25c; 5 lbs., \$1.00.

Mash Food (Loving Buttermilk). 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25.

Mash Food (Growing Buttermilk). 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25.

Meat (Prepared). 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75.

Middlings. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 95c; 50 lbs., \$2.00; 100 lbs., \$3.50.

Millet. Lb., 20c; 5 lbs., 85c.

Oat Meal (Pin-Head). 5 lbs., 65c; 10 lbs., \$1.25; 25 lbs., \$2.50.

Oyster Shells, Fine or Coarse. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 65c; 100 lbs., \$1.75.

Pigeon Food. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.35.

Poultry or Scratch Food (Michell's). 5 lbs., 30c; 10 lbs., 55c; 25 lbs., \$1.00.

Spratt's Poultry Regular. 24 ozs., 25c; 4 lbs., 55c; 12½-lb. pkg., \$1.60; 25 lbs., \$3.00; 100 lbs., \$10.00.

Sunflower Seed. Lb., 25c; 3 lbs., 65c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75.

Bird Gravel with Charcoal. Each, 10c; doz., \$1.00.

Bird Gravel without Charcoal. Each, 10c; doz., \$1.00.

Bird Manna. Keeps canaries in prime condition and prevents the loss of song. Pkg., 15c.

Canary Seed. Plain Sicily. Recleaned and of excellent quality. Lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., \$4.50.

Canary Seed. Mixed. A mixture of the finest quality and in proper proportions. Lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., \$4.50.

Cuttlefish Bone (Spratt's). Good for digestion and general health. Each, 10c; ¼ lb., 35c; lb., 85c.

Cuttlefish Bone. With holder for fastening to cage. Each, 25c.

Fish Food (Spratt's). Granular and wafer form. Pkg., 10c.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Oz., 10c; ¼ lb., 20c; lb., 50c.

Maw Seed. Calculated to improve the song of canaries, etc. Lb., 95c; 5 lbs., \$4.25.

Millet Seed. Recleaned seed; nutritious and appetizing. Lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50.

Parrot Food. (Spratt's). Small pkg., 25c; large pkg., 40c.

Rape Seed. Will keep the birds in excellent condition. Feed with canary seed. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$5.00.

Sand, Red. Fine. For bird-cages. Pkg., 10c; doz. pkgs., \$1.00.

Sand, Silver. Fine. Pkg., 10c; doz. pkgs., \$1.00. Bulk, pk., 85c; bu., \$2.50.

Sand or Gravel, Silver. Coarse. For parrots' cages. Pkg., 10c; doz. pkgs., \$1.00. Bulk, pk., 85c; bu., \$2.50.

Song Restorer. For canaries. Bottle, 25c; doz., \$2.50.

Spratt's Sing Song. A tonic and song restorer. Pkg., 15c.

Sunflower Seed. We are very large handlers of this important food for parrots. Our customers may depend on getting a very choice article. Lb., 25c; 3 lbs., 65c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75.

Thistle Seed. ½ lb., 35c; lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

Unhulled Rice. Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

Wild Bird Cake. A balanced food of pure ingredients—seeds, grains and berries selected because of food value. Each, 30c; 4, \$1.00.

Wild Bird Seed Mixture. Lb., 15c; 5 lbs., 50c; 10 lbs., 95c; 25 lbs., \$2.25; 100 lbs., \$8.50.

Prices on Bird Seed in large quantities quoted on application

SUNDRIES

Bulb Fibre. Qt., 15c; ½ pk., 45c; pk., 75c; ½ bu., \$1.25; bu., \$2.00.

Bull Dog Clips of 1000. For fastening packages, etc. Box, 75c.

Carnation Bands. Rubber. For mending burst calyx. Oz., 35c; ¼ lb., \$1.20.

Carnation Staples. Wire. 1000, 50c.

Celery Paper. Width 36 in. 167 lineal ft. per roll. Roll, \$3.00.

Celery Tape, Fast Red. 1000-yd. spools, \$5.75.

Celery Tape, Green. 1000-yd. spools, \$4.50.

Charcoal. Lump. Pk., 75c; bu., \$1.75; bbl. sack, \$2.50.

Charcoal. Ground. Coarse, fine, and powdered. For use in potting. Lb., 12c; 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.40; 100 lbs., \$4.00.

Moss. Green Lump. Pk., 75c; bu., \$1.50; bbl. bag, \$2.50.

Moss. Green Sheet. Lb., 50c; bag, \$3.00.

Moss, Sphagnum. Dry. Bbl. bag, \$1.50; large bale, \$3.75.

Moss, Sphagnum. Live. Pkt., 40c; bu., \$1.35; bbl., \$3.50.

Pearl Chips. For bulb-bowls, aquariums, etc. White or colored. 1-lb. pkg., 10c; 12 pkgs., \$1.00. In bulk, white, 10 lbs., 70c. Colored, 10 lbs., \$1.00.

Peat or Leaf Mould. Pk., 50c; bu., \$1.75; bbl. of approximately 2 bus., \$3.00.

Peat, Orchid. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.25.

Pebbles. Qt., 15c; pk., 75c; 100 lbs., \$3.00.

Pruning Compound or Tree Dressing (Fraim's). Qt., 50c; gal., \$1.50.

Salt Hay. For protection of plants and shrubs during winter. Lb., 4c; ½ ton, \$22.50; ton, \$40.00.

Sand. For propagating. Qt., 10c; pk., 40c; bu., \$1.40; bbl. sack (12½ bus.), \$3.00.

Shadeiner. For shading greenhouse glass. 5 lbs., \$1.65; 10-lb. can, \$3.00.

Soil. For potting. Qt., 10c; ½ pk., 25c; pk., 40c; bu., \$1.50; bbl. bag, \$2.25.

Soil. Plain top. 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton in bags, \$15.00.

Tinfoil, Plain. In 5- and 6-in. widths. 1-lb. pkg., 45c; 5 lbs., \$1.75; 5-in. width in 5-lb. rolls, \$1.75.

Paper Egg Boxes (1 doz. cap.)

Swineen Paper Egg Cartons. For delivering table eggs. Capacity, one dozen each. Made of heavy cardboard, oblong shape. Doz., 30c; 25, 50c; 100, \$1.75; 1000, \$16.00.

Eagle Style. Light-weight cardboard. Doz., 25c; 25, 40c; 100, \$1.10; 1000, \$10.00.

Printing of Egg Boxes. 1000, \$3.00.

Farm Brood Coop

A big, roomy Coop that will accommodate a bunch of chicks. Well ventilated; substantially made; shipped knocked down. Made from grooved and tongued lumber, not painted. It is 21 inches wide, 22 inches from front to back, 22 inches high in front, 14 inches high in back. The roof is hinged. Then there is a wire run 38 x 21 x 16 inches. The top is hinged. Price, complete, \$8.25.

Spratt's Dog Cakes

Spix. A bone-sized biscuit for small breeds. 5 lbs., \$1.00.

Ovals. A miniature biscuit for small breeds. 5 lbs., \$1.00.

Fibro. A granulated food. 5 lbs., \$1.00.

Salt Bricks

For dairy cows, horses, and other animals. Essential to general good health in stables. Fastened on the wall it is accessible at all times and remains clean. Brick, 25c; doz., \$2.75.

Salt Brick Holders. Each, 50c; doz., \$2.50.

Parcel Post charges where named are for shipment to the First and Second Zones; for other ones, please see Parcel Post Table, page 1.

MICHELL'S FLOWER POTS, TUBS, Etc.



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Krick Pot Hanger

Eureka Pot Hanger

Cedar Tubs

Equipped with Strong Iron Handles

These are made by hand of the very best white cedar, painted green, bound with black iron hoops. Top Diam. Depth Each
No. 0 24 $\frac{3}{4}$ in. 24 in. \$13.50
No. 1 23 $\frac{3}{4}$ in. 22 in. 12.50
No. 2 21 in. 20 in. 11.50
No. 3 18 11/16 in. 18 in. 10.00
No. 4 16 $\frac{1}{4}$ in. 18 in. 8.00
No. 5 14 $\frac{7}{16}$ in. 14 in. 7.25
No. 6 12 7/16 in. 12 in. 6.00
No. 7 11 $\frac{3}{4}$ in. 10 in. 5.25
No. 8 10 11/16 in. 9 $\frac{1}{2}$ in. 4.60

Cut Flower Vases, Galvanized Iron

No.	Top Diam.	Height	Bottom Diam.	Each
65	7 $\frac{1}{2}$ in.	8 in.	6 $\frac{1}{2}$ in.	\$0.85
66	9 in.	10 in.	7 $\frac{1}{2}$ in.	1.00
67	9 in.	11 $\frac{1}{2}$ in.	7 $\frac{1}{2}$ in.	1.15
68	9 in.	12 $\frac{1}{2}$ in.	7 $\frac{1}{2}$ in.	1.20
69	9 in.	18 in.	7 $\frac{1}{2}$ in.	1.40
70	9 in.	24 in.	7 $\frac{1}{2}$ in.	1.70
71	5 in.	10 in.	3 $\frac{1}{2}$ in.	.70
72	5 $\frac{1}{2}$ in.	11 in.	4 $\frac{1}{2}$ in.	.90
73	6 $\frac{1}{2}$ in.	12 in.	5 $\frac{1}{2}$ in.	.90
257	6 $\frac{1}{2}$ in.	15 in.	4 $\frac{1}{2}$ in.	.95

Michell's Keystone Plant Tubs

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust. Handles are sold separately at 25c per pair, not attached to Tub. No. Inside Diam. Depth Each
1 6 in. 6 in. \$0.85
2 7 in. 7 in. .90
3 8 in. 8 in. .95
4 9 in. 9 in. 1.10
5 10 in. 9 in. 1.25
6 11 in. 10 in. 1.50
7 12 in. 11 in. 1.80
8 13 in. 12 in. 2.30
9 14 in. 13 in. 2.65
10 15 in. 14 in. 2.85
11 16 in. 15 in. 3.25
12 17 in. 16 in. 3.75
13 18 in. 17 in. 4.50
14 19 in. 18 in. 5.40

Plant Tub Green Paint

Especially prepared for painting plant tubs. Gives a bright glossy finish that will stand the weather conditions and will not fade. Pt. 85c; qt. \$1.35; gal. \$4.50.

Earthen Flower Pots

Height and Width, inside	Each	Doz.	100	1000
1 in. \$0.02	\$0.20	\$ 1.35	\$12.00	
2 in. .... .04	.30	1.50	13.00	
2 $\frac{1}{4}$ in. .... .05	.35	1.65	14.00	
2 $\frac{1}{2}$ in. .... .06	.40	1.90	16.00	
3 in. .... .07	.45	2.50	21.00	
3 $\frac{1}{2}$ in. .... .08	.50	2.95	26.00	
4 in. .... .09	.60	3.65	32.50	
4 $\frac{1}{2}$ in. .... .10	.75	5.00	44.00	
5 in. .... .12	1.00	6.50	58.00	
5 $\frac{1}{2}$ in. .... .14	1.30	8.00	70.00	
6 in. .... .15	1.50	9.50	85.00	
7 in. .... .25	2.75	19.50		
8 in. .... .30	3.25	22.50		
9 in. .... .50	5.00	35.00		
10 in. .... .65	6.75	45.00		
12 in. 1.35	14.00	90.00		
14 in. 1.75	19.50	145.00		

Azalea Pots

Diam.	Depth	Each	Doz.	100
5 in. 4 $\frac{1}{2}$ in.	.... \$0.12	\$ 1.00	\$ 6.50	
5 in. 5 in.	.... .15	1.50	9.50	
7 in. 6 in.	.... .25	2.75	19.50	
8 in. 7 in.	.... .30	3.25	22.50	
9 in. 7 $\frac{1}{2}$ in.	.... .50	5.00	35.00	
10 in. 8 in.	.... .65	6.75	45.00	
12 in. 10 in.	.... 1.35	14.00	90.00	

Fern Dish Liners

Very shallow, for inside of fancy silver or porcelain ferneries.

Width	Height	Each	Doz.	100
7 in.	1 $\frac{1}{8}$ in.	.... \$0.25	\$ 2.50	\$15.00

Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 $\frac{1}{8}$ in.	.... \$0.08	\$ 0.85	\$ 6.00
4 $\frac{3}{4}$ in.	2 $\frac{1}{8}$ in.	.... .12	1.10	8.00
5 $\frac{1}{2}$ in.	2 $\frac{1}{4}$ in.	.... .15	1.35	10.00
6 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	.... .18	1.60	12.00
7 in.	2 $\frac{5}{8}$ in.	.... .20	2.00	14.00
8 in.	3 $\frac{3}{8}$ in.	.... .25	2.50	20.00
9 in.	3 $\frac{1}{4}$ in.	.... .30	3.00	24.00

Wooden Seed Flats

20 x 10 x 3 in.	....	.... \$0.45
20 x 14 x 3 in.	....	.... .50

See page 85 for other Flats.

Eureka Pot Hangers

Price, each, 20c; doz., \$1.50; 100, \$10.00.

Fern Dish Liner Earthen Fern Pan

	Each	Doz.
No. 1	..... \$0.07	\$0.60
No. 2	..... .08	.70
No. 3	..... .09	.80

Neponset Paper Pots

Green—for growing

Every grower of plants can cut the growing costs by using these Pots. They are superior to any Pot made for the actual growing of plants.

Diam.	Doz.	100	1000
2 in.	..... \$0.25	\$1.00	\$ 4.00
2 $\frac{1}{4}$ in.	..... .30	1.05	4.25
2 $\frac{1}{2}$ in.	..... .35	1.10	4.50
3 in.	..... .40	1.30	5.20
3 $\frac{1}{2}$ in.	..... .45	1.65	6.30
4 in.	..... .50	1.90	7.50
5 in.	..... .55	2.75	10.50
6 in.	..... .60	3.50	12.00

Red Paper Flower Pots

Diam.	Doz.	100	1000
2 in.	..... \$0.15	\$0.60	\$ 4.65
2 $\frac{1}{4}$ in.	..... .20	.65	4.75
2 $\frac{1}{2}$ in.	..... .25	.75	5.75
3 in.	..... .30	.90	7.00
3 $\frac{1}{2}$ in.	..... .35	1.10	8.75
4 in.	..... .40	1.45	11.50
5 in.	..... .45	1.85	15.00
6 in.	..... .50	2.25	18.00

Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring marks. Preserves pottery. Colors: red or green.

Size	Takes up to a	Each	Doz.
5 $\frac{1}{8}$ -in.	6-in. pot	..... \$0.25	\$2.50
7 $\frac{1}{8}$ -in.	8-in. pot	..... .35	3.50
10 $\frac{1}{8}$ -in.	12-in. pot	..... .65	6.50
12 $\frac{1}{4}$ -in.	for fern and palm tubs	..... 1.00	10.00

Wood Fibre Saucers

Extremely desirable on account of being absolutely waterproof.

Diam.	Each	Doz.
6 in.	..... \$0.55	\$ 5.50
8 $\frac{1}{2}$ in.	..... .75	7.50
11 $\frac{1}{4}$ in.	..... 1.00	10.50
14 $\frac{1}{2}$ in.	..... 1.30	13.75
16 in.	..... 1.65	17.50
17 $\frac{1}{2}$ in.	..... 1.90	20.00

MICHELL'S INSECT DESTROYERS, Etc.

To bear out our reputation as one of the most complete seed-stores in the world, we constantly carry adequate stocks of all of the various insecticides, fungicides, pest controls, etc., listed on this and the next three pages. It is natural, with so many brands on the market, that the same results can be accomplished with several different brands in any one class. Many, of course, have their distinct values, which we have tried to bring out in the brief descriptions.

In selecting a remedy for garden pests and diseases, it is well to bear the following in mind.

Contact Insecticides kill chiefly through actual contact and fumes, and for best results must be sprayed directly on the insect. These are used to combat sucking insects which feed on the inside of the foliage.

Stomach Poisons are used to control chewing or leaf-eating insects, and, to be effective, must adhere to the leaf-surface on which the insects feed.

Fungicides are used to combat plant diseases of a fungous nature.

Dilution rates where shown are general.

Follow specific directions on each container.

Agri-Pox. A pyrethrum-base contact insecticide. Safe for man and animals, it is especially useful on fruit, vegetable, and berry crops. Dilution 1 to 8. Qt., \$1.00; gal., \$3.50; 5 gals., \$15.00.

Antrol

THE NATIONAL ANT CONTROL

Kills Ants in Their Nests

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which workers carry special Antrol Syrup to their nests for food. The whole ant family is quickly killed at the source—the only way to get permanent relief. Controls both sweet- and grease-eating ants.

Antrol Cottage Set containing four feeders and one 4-oz. bottle of syrup, 60c.

Ready Filled Sets containing four filled feeders, 40c.

Antrol Extra Containers, 10c.

Antrol Syrup. 4-oz. bottle, 20c; pt., 50c; qt., 90c; gal., \$2.75.

Antrol Ant and Roach Powder. An improved fast-killing powder for the extermination of ants. Ideal for use in apartments, summer or beach houses, camping, etc. 1 1/4 ozs.; 10c; 4 1/2 ozs.; 25c; 5 lbs., \$4.50.

Antrol Ant Traps. Kills both grease- and sweet-eating ants. Easy and safe to use. Each, 10c.

Ant Traps, Thalote (Tat). Each, 25c.

Makikil Jelly. New and very effective ant-control; also used to eliminate roaches, rats, and mice. 1-oz. tube, 35c; 8-oz. tube, \$1.75.

Aphine. A contact insecticide, nicotine base, for destroying aphis, green and white fly, thrip, etc. Dilution 1 to 30. Qt., \$1.10; gal., \$3.25.

Arsenate of Lead, Powder. Affords complete protection against the ravages of any chewing insect on foliage, flower, or fruit, without injury to the most delicate plant-life. Dilution: 1 pound to 25 gallons liquid, or 1 to 6 with Hydrated Lime or Sulphur, for dusting. Use 10 to 15 pounds per 1000 square feet mixed with sand or other carrier. Lb., 40c; 4 lbs., \$1.00; 24 lbs., \$5.00; 96 lbs., \$18.00.

Arsenate of Calcium. Effective as a dust or spray in control of chewing insects on most vegetable crops, beans excepted. Dilution: 1 pound to 25 gallons of liquid, or 1 to 3 with Hydrated Lime for dusting. Lb., 30c; 4 lbs., 75c; 24 lbs., \$4.00.

Ashtogen. A safe, effective remedy for root aphids, cutworms, and other soil insects affecting asters and similar plants. 2 lbs., 75c; 5 lbs., \$1.50.

Black Arrow Insect Dust. An economical Pyrethrum dust, acting not only as a contact insecticide, but having repellent properties against many types of insects as well. Especially recommended for leaf-hoppers on dahlias and asters. May also be used as a spray, 1 pound to 3 gallons of water. Lb., 55c; 10 lbs., \$4.00; 25 lbs., \$9.50; 50 lbs., \$18.00; 100 lbs., \$33.00.

Black Leaf 40 (40% Nicotine)

A solution of nicotine sulphate. An excellent spray for destroying sucking insects on vegetables, flowers and plants. Effective in delousing livestock. Dilution 1 to 800. Oz., 36c; 5 ozs., \$1.05; lb., \$2.50; 2 lbs., \$3.70; 5 lbs., \$6.90; 10 lbs., \$11.65; 50 lbs., \$47.50.

Borerkil (Bor-Tox)

A scientifically prepared paste that kills boring insects when injected into their burrows. Packed in handy tubes (and bulk). Garden-size tube (1 1/2 ozs.), with Injectors, 60c; 4-lb. can, \$8.00.

Bordeaux Mixture (Powder). A copper sulphate and lime mixture (12 1/2% copper), the standard control for fungous diseases (blight, rust, wilt, and mildew) on vegetables, flowers, fruit and shade trees. Mixed with water, 8 pounds to 50 gallons, gives a 4-4-200 Bordeaux. Lb., 35c; 4 lbs., \$1.00; 24 lbs., \$5.00; 48 lbs., \$9.50; 96 lbs., \$18.00.

Carbolineum. A germicide and disinfectant for purifying poultry-houses, stables, etc. Gal., \$2.00; 5 gals., \$8.00.

Cattle Fly Spray. Repels horn and stable flies; kills flies by contact. Will not stain or mat hair. Induces quiet and comfort, so important in milk-production. Gal., \$1.35; 5 gals., \$6.25.

Ceresan (DuBay). 2 per cent. A dust disinfectant for cotton, flax, millet, peas, and narcissus. 20-oz. can, 94c; 4 1/2 lbs., \$3.14; 25 lbs., \$14.50; 100 lbs., \$52.00.

Ceresan, New Improved (DuBay). A' dust-disinfectant for wheat, oats, and barley. 4-oz. can, 30c; lb., 80c; 4 lbs., \$2.70; 25 lbs., \$15.00; 100 lbs., \$55.00.

Chaperone

Protect your garden from damage by dogs. Unlike ordinary repellents that vanish with the first shower, Liquid Chaperone is not dissolved by rain. Once applied there, regardless of weather, one application usually lasts from two to three weeks. Frequently this breaks the habits of offending dogs so that they never come to your garden again. 4 ozs.; 50c; 12 ozs., \$1.00.

Copperloid (Red Copper Oxide). Dilute at the rate of 1 to 400, spraying once a week, or as often as necessary for the control of mildew and black-spot on roses and mildew and leaf-spot on annual and perennial flowering plants. Lb., \$2.50.

Copper Solution. An excellent fungicide for the control of mildew, black-spot, leaf-blight, rust, and other fungous diseases attacking fruit and flowers. Dilution 1 to 80. Pt., 85c; qt., \$1.50; gal., \$5.00; 5 gals., \$2.50.

Cuprocide, Yellow. Yellow copper oxide spray. Has proved very effective in combating potato, tomato and celery blights. Yellow Cuprocide is a neutral spray which does not require lime, thus eliminating lime injury to plants. 3-lb. bag, \$2.00.

Cyanogas (Calcium Cyanide). G. Fumigant. When exposed to natural atmospheric moisture, Cyanogas liberates a gas most effective for many purposes. The gas is exceedingly penetrating and easily kills breathing insects in a space where the gas can be confined. Thus Cyanogas is differentiated from ordinary insect powders or sprays, where the killing power is generally dependent on actual contact with the insect. Destroys aphis, white fly, soft scale, thrips, etc. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Descriptive circular free.

Cyanogas (Calcium Cyanide). A-Dust. For killing rats, moles, woodchucks, and other rodents. 1/2 lb., 45c; lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00.

Cyanogas Ant-Killer

Ants are killed instantly in their nests. Simply enlarge entrances of ant nests with long-shank screw-driver or pointed stick. Probe 6 to 8 inches to be sure of reaching deeper part of nest where the queen is located. Adjust the spout on the can and flow a small amount of Cyanogas into the enlarged holes; then close with soil. Don't use Cyanogas Ant-Killer indoors. 4-oz. can, 30c.

Derris Fume Dust. 20-lb. bag, \$3.00.

Dogzoff. If you are bothered with dogs, cats, or rabbits, "Dogzoff" is the spray you need. Not offensive to humans. Applied with any small sprayer. 4-oz. bottle, 60c; pt., \$2.50; qt., \$4.00. Sprayer Combination, 75c.

Dutox. A non-aromatic insecticide for control of most beetles and other leaf-eating insects. 3 pounds to 100 gallons of water, or as a dust, 8 pounds per acre. Lb., 40c; 6 lbs., \$1.75.

New Ever Green Spray. The original standardized pyrethrum spray, effective against a wide range of both chewing and sucking insects. Dilution 1 to 800-400. 1-oz. bottle, 35c; 6-oz. can, \$1.00; 16-oz. can, \$2.25; gal., \$13.50.

Filmfast. A superior spreader and sticker for use with insecticides and fungicides. It causes the solution to spread evenly over the surface of leaves, fruits, and vegetables, minimizing the possibility of exposing portions to the attacks of both insects and diseases. Use 1 to 3 pounds per 100 gallons of spray solution. 2 lbs., 50c.

Fish-Oil Soap (Good's)

Number One. A semi-solid Soda Fish-Oil Soap, very effective against scale and soft-bodied sucking insects. Lb., 35c; 5 lbs., \$1.35; 12 lbs., \$2.50; 25 lbs., \$4.50; 50 lbs., \$7.00; 100 lbs., \$12.00.

Number Three. A soft Potash Fish-Oil Soap, excellent as an emulsifier in the preparation of oil sprays, and as a spreader and liberator with Nicotine or Arsenate of Lead. Lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.50; 25 lbs., \$4.50; 50 lbs., \$7.00; 100 lbs., \$12.00.

Number Nine (Rosin). Used extensively as a spreader and sticker in combination with chemical sprays on vegetable, fruit, and berry crops. Especially recommended for the destruction of boxwood maggot. Dilution, 1 pound to 50 gallons. 5 lbs., \$1.50; 10 lbs., \$3.00; 25 lbs., \$5.25; 50 lbs., \$9.00; 100 lbs., \$15.00.

Fly Spray. See Cattle Fly Spray.

Formocide. A stabilized formaldehyde dust, triple strength, seed and soil-disinfectant used as a control of damping-off. 1/2 lb., 50c; lb., 85c; 5 lbs., \$3.50; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$30.00.

Fungtrogen. Fungicide fertilizer. Invisible on foliage and blooms, it is an effective preventive and remedy for mildew, black-spot and other fungous diseases of roses, hollyhocks, snapdragons, phlox, sweet peas, carnations, etc. Fungtrogen is a complete spray, ready to use when mixed with water. Dilution 1 to 60. 1/2 pt., 75c; pt., \$1.25; qt., \$2.00; 1/2 gal., \$3.50; gal., \$6.00.

Grape and Rose Dust. A fungicidal dust, safe to use on any vegetable or flowering plants. Forest green in color and affords complete control against mildew, black-spot, and other fungous diseases. 5 lbs., \$1.25; 25 lbs., \$6.00; 100 lbs., \$22.00.

Hellebore Dust. A dust control for various leaf-eating insects, particularly the currant-worm and roseslug. Less poisonous than arsenic, it can be used in place of them on ripening fruit. 1/2 lb., 60c; lb., \$1.10; 5 lbs., \$5.00.

MICHELL'S INSECT DESTROYERS, Etc.

Hydroxide. An economical insecticide and fungicide for potatoes, tomatoes, garden vegetables, and small fruits, controlling leaf-eating insects and blight. It contains 12 1/4 per cent Metallic Copper, 33 1/4 per cent Calcium Arsenate, and is so designed that the use of 8 pounds to 50 gals. of water will give 2 1/2 pounds Arsenate of Calcium and a 4-4-50 Bordeaux. 4 lbs., \$1.00.

Insectrogen. An effective insecticide that rids your roses and other plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetles and many blights. Use alternately as a companion spray with Fungtrogen; both carry their own spreader; only water is required. Makes 60 times its volume. Pt., \$1.75; qt., \$2.75; gal., \$8.00.

Japanese Beetle Spray (Du Pont). An effective repellent which may be used without injury on a wide range of plants, to prevent damage by the Japanese and Mexican bean beetle. Dilution: 1/4 pound to 10 gallons of water. 1/2 lb., \$1.00; 5 lbs., \$7.50; 25 lbs., \$35.00; 50 lbs., \$67.50.

Jap-Beetle Repellent and stomach poison based on Rotenone and related organic compounds. Eight ounces of this will make 10 gallons of finished spray. 1/2 lb., 50c; 2 lbs., \$1.75; 5 lbs., \$4.00.

Japtox

Kills and Repels Japanese and Asiatic Beetles

This material affords real protection to foliage against the ravenous feeding of these pests.

Japtox has as its base an arsenical poison so as to insure killing the small percentage of beetles which may actually feed on the sprayed foliage. One pound of Japtox will make 10 gallons of spray. Lb., 65c; 25 lbs., \$7.00; 100 lbs., \$20.00.

Kerosene Emulsion (Liquid Miscible Oil). Diluted 1 part water, this makes an excellent spray for all wild forms of scale and soft lace of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 10 parts of water. Qt., 75c; gal., \$1.75; 5 gals., \$6.00.

Kix. A combination fungicide and contact insecticide recommended for the control of black-spot, mildew, and certain insects on roses, flowering, and garden crops. Dilution 1 to 80. \$2.50.

Kilslug. An immediate and effective remedy for snails and slugs. Ready to use—no mixing required. Kilslug is not harmful to animals, plants, and human beings when used as directed. Packed in sprinkler-top containers. 125-dose size, 75c; 325-dose size, \$1.50.

K. R. O. Kills rats only. Not a poison. Not injurious to humans, livestock, dogs, cats or poultry. 2-oz. can, 75c.

Lemon Oil. A standard insecticide recommended for destroying thrip, aphis, mealy bug, etc. Having no odor, it is especially desirable and safe to use on all house-plants. 1/2 pt., 35c; pt., 60c; qt., \$1.00; 1/2 gal., \$1.75; gal., \$3.00; 5-gal. keg, \$12.00.

Lime-Sulphur. Dry. For effective control of San Jose scale, apple and pear scab, peach-leaf curl, and cherry leaf-spot. Dilution: 12 to 15 pounds to 50 gallons of water. Lb., 35c; 1/2 lbs., \$1.60; 25 lbs., \$4.75; 100 lbs., \$16.00.

Lime-Sulphur Solution. A concentrated liquid form of this widely used insecticide and fungicide for spraying fruit trees. It is usually combined with other materials to control several types of insects and diseases with the same spray. Dilution: 1 to 20 for dormant spraying; 1 to 40 for later applications. Qt., 50c; gal., \$1.00; 5 gals., \$4.00; 1/2 bbl. (30 gals.), \$10.50; bbl. (50 gals.), \$14.00.

Loro. A contact insecticide which is uniquely effective against midge, mealy bug, red spider mites, and thrip. It is also a good aphicide and kills scale insects in the crawling stage. Do not use on roses or other crops for which it is not recommended. Dilution 1 to 800. Pt., \$2.00; gal., \$10.50; 5 gals., \$45.00.

Magikil Jelly. New and very effective Ant Control; also used to eliminate roaches, rats, and mice. 1-oz. tube, 35c; 8-oz. tube, \$1.75.

Mexican Bean Beetle Destroyer Dust or Spray

Mexican Bean Beetle Destroyer requires the addition of no other material when used as a dust. For wet spraying mix 8 pounds to 100 gallons of water or 6 level tablespoonsfuls to 1 gallon of water. Lb., 35c.

Molasses, Black. A crude grade of molasses, highly favored as a sticker to be used with contact insecticides, particularly in controlling the boxwood miner. Gal., \$1.25; 5 gals., \$5.00.

Mo-Lo Tablets. When placed at intervals in the runs, these are very effective in destroying and driving away moles. Pkg., 25c.

Mouse Seed. Safer and more convenient than paste or traps. Ready to use. No bait required. Pkg., 25c.

Mologen. An odorless powder that eliminates moles from the lawn in two or three days. Will not injure the soil or grass and is safe to use even where pets are kept. 1/2-lb. can, 50c; 1 1/2-lb. can, \$1.25; 5-lb. can, \$4.00.

Naphtha Flakes. For cleaning the soil. Will control thrips, sow-bugs, and other earth vermin. Lb., 30c; 10 lbs., \$2.30; 25 lbs., \$5.50; 50 lbs., \$10.50.

Nico-Fume Liquid

A powerful and highly refined nicotine solution that has the twofold advantage of being adaptable either for spraying or for fumigating purposes.

Lb., \$2.75; 4 lbs., \$7.35; 8 lbs., \$13.50; 40-lb. drum, \$56.50.

Nico-Fume Powder

Many florists prefer a tobacco powder for fumigating. Nico-Fume Powder (patented) consists of tobacco powder impregnated with high-strength nicotine and is guaranteed to contain not less than 12 1/2 per cent of nicotine by weight. 5 lbs., \$4.15; 10 lbs., \$7.15.

Nico-Fume Pressure Fumigator

Nico-Fume Pressure Fumigator is safe for the plants and is the most commonly used fumigant. Insects on crops grown in greenhouses may be controlled by fumigation in most instances. This is advantageous to greenhouse owners because fumigation reaches every leaf and bud, and requires less time and labor than does spraying.

1/2-lb. size, 55c; case lots of 1 doz., \$4.95; 1-lb. size, 85c; case lots of 1 doz., \$8.65.

Nico-Fume Pressure Fumigator Holders for hand-directed fumigation with the Pressure Fumigator. Each, \$1.00.

Nicotene Pyrox. A complete spray especially prepared for the home gardener. It kills both chewing and sucking insects, prevents blight and fungous diseases. Only the addition of water is necessary. Dilution: 1 pound to 3 gallons. 17.6 ozs.; 60c; 5 lbs., \$2.00.

Nikoteen Liquid. A safe and highly effective spray and fumigant of highly refined free nicotine. Available in two grades:

30 per cent solution. 1-oz. bottle, 35c; 1/2 lb., \$1.50; lb., \$2.75; 4 lbs., \$7.00; 8 lbs., \$13.00.

40 per cent solution. 4 lbs., \$8.00; 8 lbs., \$14.50.

Para-Dichlorobenzene (PTB). The most effective remedy for the peach tree borer. For best results, treatment should be made during September, using approximately 1 ounce per tree. 1-lb. can, 50c; 5-lb. can, \$2.00; 25-lb. keg, \$9.50.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. 1/4 lb., 25c; lb., 60c; 4 lbs., \$2.75; 14 lbs., \$6.75.

Pomo-Green with Nicotine. A leaf-green material which can be used as a spray or dust, and which affords complete protection against black-spot, mildew, leaf-eating insects and aphids. 1 pound makes 4 gallons of spray. Lb., 80c; 5 lbs., \$3.30.

Pomo-Green without Nicotine. Used as a dust only to control plant diseases and leaf-eating insects. 1-lb. can, 55c; 5-lb. carton, \$1.85.

Protex. The new scientific protection for trees, shrubs and plants. Forms an invisible film of liquid latex preventing winter-drying and warding off insects. Permits normal breathing. Non-injurious. One quart of Protex diluted covers 100 square feet.

Spring. Gal., \$3.50.

Winter. Qt., \$1.00; gal., \$3.50.

Pyrethrum Powder. Valuable as a contact insect powder against aphis, plant-lice, thrips, etc. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.50.

Pyrote. A double-acting concentrated Pyrethrum and Rotenone spray for flowers, plants, fruit, and vegetable crops. Dilution: 1 to 100-600. Oz., 35c; 5 ozs., \$1.00; 16 ozs., \$2.50; gal., \$45.00.

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf-eating insects, blights, and fungous troubles. Especially recommended for potatoes. Mix Pyrox with water and spray. The material sticks to the leaves even through the heaviest rains. 50 lbs., \$8.35; 300 lbs., \$34.50.

Rabbit Chaser, Lag's. Spray on plants and vegetables to repel rabbits. Will not burn or harm plants or rabbits. 4-oz. bottle, with directions, 50c.

Rat Paste (Zelio). The most efficient poison for destroying rats, mice, and other rodents. 2-oz. tube, 65c.

Red Arrow. The most efficient poison of insects, yet is absolutely safe to use. A highly concentrated extract of pyrethrum combined with a special soap, which is diluted with water before spraying. Dilution: 1 to 200-400. Oz., 35c; 4 ozs., \$1.00; pt., \$2.85; qt., \$5.00; gal., \$17.00; 5 gals., \$77.50.

Rotenone "75." An economical dust containing 75/100 per cent of Rotenone, one of the most effective contact insecticides. Controls many kinds of beetles and worms attacking vegetable crops. Lb., 35c; 5 lbs., \$1.25; 50 lbs., \$10.00.

Scalcide

The Complete Dormant Spray

Scalcide, diluted 1 gallon to 15 gallons of water, may be used on any kind of fruit or shade tree that drops its foliage in winter, any time after the leaves drop in the fall until they start out in the spring, provided it is not colder than 40°.

On conifers, spruces, and pines, for pine scale, spruce gall, etc., spray with Scalcide 1 to 25 just before the new growth starts in the spring. Qt., 75c; gal., \$1.75; 5 gals., \$6.35; 10 gals., \$10.90; 30 gals., \$23.75; 50 gals., \$36.00.

Scale Oil. The most modern of all miscible oils for dormant spraying of fruit trees and ornamentals. Dilution: 1 to 15. Qt., 75c; gal., \$1.75; 5 gals., \$6.00; 30 gals., \$23.50; 50 gals., \$32.50.

Selocide. A powerful contact killing agent which will kill from 90 to 100 per cent of red spiders in one application. It also kills the eggs, and does not harm tender plants when properly used. Dilution: 1 to 200. Gal., \$3.50; 5 gals., \$16.75.

MICHELL INSECT DESTROYERS, Etc.

Semesan

For Flower and Vegetable Seeds,
also for Lawns

Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. One ounce treats 15 pounds of seed. Effective in controlling damping-off and such devastating gladiolus diseases as hard rot and scab. Also the most effective means of controlling brown patch which attacks the turf of golf-courses, tennis courts and lawns. 1/3 oz.; 10c.; 2 ozs.; 40c.; lb.; \$2.50; 5 lbs., \$11.40; 25 lbs., \$52.50; 100 lbs., \$198.00.

Semesan Bel, New Improved. (DuBay.) For treating seed potatoes before planting. One pound treats 60 to 80 bushels of seed. 2 ozs.; 30c.; lb.; \$1.65; 5 lbs., \$7.15; 25 lbs., \$33.25; 100 lbs., \$125.00.

Semesan Jr., New Improved. (Du Bay.) For controlling seed-borne diseases of seed, field and sweet corn. 1/2-oz. pkg.; 15c.; 12-oz. pkg.; 56c.; 6 1/4 lbs., \$3.75; 25 lbs., \$12.50; 100 lbs., \$45.00.

Slug Shot

A standard and safe dust which kills beetles, weevils, worms, and leaf-eating insects on vegetable and flowering plants. 1-lb. carton, 25c.; 5 lbs., \$1.00; 25 lbs., \$4.75; 125-lb. keg, with a duster, \$17.50; 250 lbs., \$33.00.

Snarol

Metaddehyde-Arsenical Bait

Kills cutworms, sowbugs, snails, slugs, earwigs. A ready-prepared bait meal. Is not injurious to vegetation. Will not deteriorate from rain or sprinkling. 1-lb. pkg., 25c.; 2 1/2-lb. pkg., 50c.; 6-lb. pkg., \$1.00; 10-lb. pkg., \$1.50; 50-lb. bag, \$5.50.

Soap, C. P. O. A liquid soap-spreader with a distinct insecticidal value of its own, thus increasing the efficiency of contact sprays with which it is used. Dilution: 1 to 50; 3-oz. bottle, 25c.; pt., 85c.; qt., \$1.50; gal., \$3.50; 5 gals., \$12.00.

Grasselli's Spreader

This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It is a liquid and mixes readily with cold water. Pt., 75c.; gal., \$4.95; 5 gals., \$23.00.

Sulphate of Aluminum. Used in conjunction with Hydrated Lime, this material makes a safe and excellent repellent for Japanese and Asiatic beetles. One pound of Aluminium Sulphate with 6 1/2 pounds of Hydrated Lime will make 33 gallons of diluted spray. 5 lbs., 50c.; 10 lbs., 85c.; 25 lbs., \$1.50; 100 lbs., \$4.00; 200 lbs., \$7.50.

Sulphate of Copper. A basic fungicide used in making Bordeaux Mixture, or alone to control various fungous diseases. Available in either crystal or powder form; specify which type is desired when ordering. Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 25 lbs., \$4.50; 100 lbs., \$15.00.

Sulphur, Flowers of. A high-grade form of this standard fungicide and fumigant, adapted for either dusting or burning. Lb., 20c.; 5 lbs., 75c.; 10 lbs., \$1.40; 25 lbs., \$2.75; 100 lbs., \$8.50.

Sulphur, Wettable (Dritomac). A new and greatly improved summer fungicide containing 95 per cent Sulphur of 325-mesh fineness. It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scar-rot, leaf-spot, mildew, rust, etc. 2 lbs., 25c.; 5 lbs., 50c.; 50 lbs., \$4.00.

Sunoco Spray Oil. A safe, inexpensive, efficient spray for the control of scale insects, red spider, and lace-wing bugs on shade and ornamental trees and shrubs. Dilution: 1 to 25. Gal., \$1.50; 5 gals., \$5.75; 55 gals., \$26.00.

Superior Spreader and Sticker. See Film-fast.

Supercat. A two-unit concentrate mixed in equal parts. Kills red spider and their eggs without injury to plants. Qt., \$3.25; gal., \$12.00.

Tartar Emetic. To control gladiolus thrip, use 4 lbs. Tartar Emetic with 16 lbs. brown sugar to 100 gals. of water. Lb., \$1.25; 5 lbs., \$5.75; 25 lbs., \$27.50.

Terogen. A new autumn and winter ground-cover acting both as a fertilizer and as an insecticide. 1-lb. tin, 75c.; 2-lb. tin, \$1.25; 5-lb. tin, \$2.75; 10-lb. tin, \$4.75; 25-lb. tin, \$11.00; 50 lbs., \$21.00; 100 lbs., \$40.00.

Tobacco Dust. For dusting. 5 lbs., 50c.; 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Tobacco Dust. For fumigating. Specially treated to induce easy burning. Lb., 15c.; 5 lbs., 50c.; 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25.

Tri-Ogen. The all-purpose spray. Complete protection against plant insects and diseases. Milkweed and black-spot easily controlled with this spray treatment. Small kit (makes 16 qts.), \$1.50; medium kit (makes 64 qts.), \$4.00; large kit (makes 32 gals.), \$6.00; estate kit (makes 128 gals.), \$20.00.

Thrip Juice, Hammond's No. 2. This preparation is very effective against aphid, red spider, mealy bugs, and sucking insects generally. 1/2 pt., 50c.; pt., 90c.; qt., \$1.50; gal., \$5.50; 5 gals., \$25.00.

Thiosan. The new organic fungicide for brown patch control, having the same economical features and effectiveness as Special Semesan. 5 lbs., \$6.96; 25 lbs., \$32.55; 100 lbs., \$125.00.

Tree Tanglefoot

stops all climbing insects. This sticky compound is easy to apply with a wooden paddle—effective three or four months. Better than wax for grafting operations. Good, too, for sealing tree cuts, wounds and cavities. 6-oz. can, 45c.; lb., 80c.; 5 lbs., \$3.75; 10 lbs., \$7.00; 25 lbs., \$15.00.

Tobacco Stems (Fresh). For fumigating and for mulching to destroy insect life in the soil. Lb., 15c.; 5 lbs., 50c.; 10 lbs., 75c.; 25 lbs., \$1.50; large bales at 3c per lb.; 1/ton, \$20.00; ton, \$35.00.

Volck, Nursery. A mineral-oil spray for general use on growing plants in the nursery, greenhouse and garden. It is not to be confused with Garden Volck, which contains soap and nicotine. 1/2 pt., 35c.; qt., 75c.; gal., \$2.25; 5 gals., \$9.00; 28 gals., \$30.00.

Volck, Garden. A Volck-Nicotine combination. Used to control aphids, thrips, scale, mealy bug, red spider, white fly, lace-wing bug, cyclamen mite, leaf-miner, leaf-hopper, small caterpillars, leaf-spot, mildew, rusts, etc. Dilution 1 to 15; 3 1/2 ozs.; 35c.; pt., \$1.00; qt., \$1.50; gal., \$4.50; 5 gals., \$15.00.

Wilson's O. K. Plant Spray. This spray offers a sure and safe method of control for box-mite, thrip, leaf-hopper, psylla, green, black, and woolly aphids, midge, currant worms, spice gall, lacewing fly or rhododendron, crawling young scale. Dilution 1 to 15. Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00; 10 gals., \$22.00; 1/2 bbl. (30 gals.), \$57.00; bbl., \$150. gals., \$90.00.

Worm Destroyer. For earthworms. A safe, dry powder which will effectively and promptly bring earthworms to the surface and kill them. Apply at the rate of a half pound per square yard, then saturate the ground with water. 25 lbs., \$1.75; 50 lbs., \$3.25; 100-lb. bag, \$6.00; 500 lbs., \$25.00; 1/2 ton, \$47.00; ton, \$90.00.

Zelio Wheat. For killing field mice and other rodents. Pkg., 25c.

Michell's Weed Killer

Positively destroys every kind of weed and vegetation wherever applied. One application is usually required yearly; add 40 gallons of water to one gallon of Weed Killer, then sprinkle the solution upon the vegetation you wish destroyed.

Just the thing for driveways, clay tennis courts, baseball diamonds, drives and walks where you want no weeds.

Weed Killer cannot be used in the garden, flower-beds or on the lawn where you want to grow plants and grass.

One gallon will cover 150 sq. yds.; can be applied any time. It will do better work with less labor than the old way.

Qt., 50c.; gal., \$1.50; 5 gals., \$6.50; 30 gals., \$32.00; 55 gals., \$46.75.

Adco Weed Killer

By the use of Adco Weed Killer it is possible to eliminate moss and weeds, such as dandelions, plantain, chickweed, docks, ground ivy, creeping buttercup, foxtail, heel-all, sheep sorrel, spotted spurge, yarrow, yellow trefoil, etc., with great benefit to the grass and lasting improvement in the lawn.

It should not be used on Bent grass and its action is not favorable to clover.

Adco Weed Killer is non-poisonous and will not harm dogs or other domestic animals.

Simple, clear directions accompany every package.

3 lbs., \$1.00; 25 lbs., \$4.00.

Alfco Crabgrass Killer

An amazing new discovery that effectively kills crabgrass and weeds in the lawn without destroying permanent lawn grasses. Sprayed on infested areas during September, Alfco will destroy both the plant and the seeds, checking reinfestation next year. One pound will treat 2000 to 4000 square feet. Lb., \$1.50; 2 lbs., \$2.50; 10 lbs., \$8.00.

Sodium Arsenite. Lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.25.

Iron Sulphate. 5 lbs., 75c.; 10 lbs., \$1.40; 25 lbs., \$2.75.

Atlacidé

NON-POISONOUS WEED KILLER

Atlacidé is a fine powder which dissolves in water. It has no odor and is harmless to all plants, effective in killing poison ivy and all troublesome weeds on driveways, athletic fields, tennis courts, etc. **Atlacidé will damage all kinds of living vegetation** on which it is sprayed. It is not recommended for killing weeds on lawns, or between rows of vegetables or around valuable trees or shrubs. Complete instructions on each can.

5-lb. tin (kills 500 sq. ft. of weeds), \$1.50; 10-lb. tin (kills 1500 sq. ft. of weeds), \$3.50.

50-lb. drum (kills 5000 sq. ft. of weeds), \$8.50.

100-lb. drum (kills 10,000 sq. ft. of weeds), \$14.00.

Solvay (Calcium Chloride)

For Preventing Dust on Driveways and Tennis-Courts

An ideal dust-loyer and binder for all gravel and dirt surfaces. The clean, white, odorless flakes are easy to use. Solvay kills weeds and prevents their regrowth.

Use about 2 pounds per square yard, broadcast over the surface. 100 lbs., \$3.25; \$3.00 per 100 lbs. in drums of about 400 lbs.

HENRY F. MICHELL CO.

MICHELL'S HIGH GRADE FERTILIZERS, Etc.

PLEASE NOTE: No smaller quantity of Fertilizer than here offered can be supplied

Adco Artificial Manure

Converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

Adco is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious. Farmers, by utilizing straw, cornstalks, etc., can secure their manure without the expense and labor of maintaining livestock. 25 lbs. is sufficient to make $\frac{1}{2}$ ton of manure; 150 lbs. is sufficient to make 3 tons of manure. 7½ lbs., \$1.00; 25 lbs., \$2.00; 150-lb. bag, \$10.50; 600 lbs., \$4.20; 2100 lbs., \$145.00.

All Crop Fertilizer. A high-grade, properly balanced fertilizer for general use on all farm and garden crops. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 200 lbs., \$6.50; $\frac{1}{2}$ ton, \$27.00; ton, \$52.00.

Ashes, Canada Hardwood. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grass-fields it is applied to best advantage either in very early spring or late fall. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200-lb. bbl., \$5.00; $\frac{1}{2}$ ton, \$21.00; ton, \$40.00.

Asparagus Fertilizer. A mixture that promotes root and top growth. Apply 800 pounds per acre. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 200 lbs., \$6.50; $\frac{1}{2}$ ton, \$27.00; ton, \$52.00.

Bacteria for Leguminous Crops. See Legume-Aid.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50; 500 lbs., \$27.50.

Blood, Bone and Potash. A very high-grade fertilizer for all vegetable and farm crops. 100 lbs., \$4.75; $\frac{1}{2}$ ton, \$40.00; ton, \$78.00.

Blood Flour. Very finely bolted. 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.50; 500 lbs., \$35.00.

Bone, Coarse Ground. Apply 800 to 1000 pounds per acre. Prepared from raw bone, exactly like bone-meal, except that it is not so fine or quick in action. It is used for the same purpose. 100 lbs., \$6.50; $\frac{1}{2}$ ton, \$46.00; ton, \$90.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose-growing this cannot be excelled. Rich in phosphoric acid and ammonia. Apply 600 pounds per acre. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.65; 50 lbs., \$2.75; 100 lbs., \$5.00; $\frac{1}{2}$ ton, \$42.00; ton, \$82.00.

Bovung. A natural cow manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live seed seeds; ideal for use on the lawn and also excellent for flowering plants. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.00; 50 lbs., \$1.90; 100 lbs., \$3.50; $\frac{1}{2}$ ton, \$29.00; ton, \$56.00.

Bonemeal

Micell's Special Grade. Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens, and greenhouse, or any purpose where a high class fertilizer counts. Apply 800 to 1000 pounds per acre. 3 lbs., 35c; 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; 200 lbs., \$8.50; $\frac{1}{2}$ ton, \$38.50; ton, \$75.00.

Bone Meal, Raw. Prepared from unsteamed bone, this fertilizer is higher in nitrogen than regular bone-meal, but slower in action. 100 lbs., \$4.50; $\frac{1}{2}$ ton, \$38.50; ton, \$75.00.

Cottonseed Meal. Apply 800 pounds per acre. Exceedingly rich in ammonia, making it excellent for use as a grass and grain fertilizer; for putting-greens it is invaluable. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; $\frac{1}{2}$ ton, \$38.50; ton, \$75.00.

Cow or Cattle Manure. (Shredded). Convenient to handle, making it possible for everyone to get this usually scarce article at all times. Especially suited for soil-mixing, mulching and liquid manuring. Apply 1000 pounds per acre. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; $\frac{1}{2}$ ton, \$29.00; ton, \$56.00.

Cow or Cattle Manure. (Pulverized). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot-plants, etc. 100 lbs., \$3.50; $\frac{1}{2}$ ton, \$29.00; ton, \$56.00.

Electra. A perfectly balanced fertilizer which is more than 80 per cent organic. It is becoming more popular with the growers because it can be used for almost any purpose. Lb., 35c; 5 lbs., \$1.00; 25 lbs., \$4.00; 50 lbs., \$6.00; 100 lbs., \$10.50.

Ferogen. A remarkable plant food, soil stabilizer and ground dressing for your roses. Ferogen should be cultivated into your rose beds in the early spring and summer. It supplies vital chemical elements and stimulates vigorous root action and strong growth. In convenient powder form. Ferogen reinforces stable manure. Lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.75; 10 lbs., \$4.75; 25 lbs., \$11.00; 100 lbs., \$40.00.

Hortobacco (Michell's). A fertilizer manufactured from a tobacco base. For lawns, potting-greens, flower and vegetable gardens, etc. Also acts as an efficient insecticide. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.25; $\frac{1}{2}$ ton, \$26.00; ton, \$50.00.

Horn Shavings. Used principally for mixing in potting soil. Rich in ammonia. Especially valuable in chrysanthemum growing. 50 lbs., \$8.00; 100 lbs., \$15.00.

Horn Meal. 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50.

Hy-Gro 52. A water-soluble fertilizer that maintains the 1-2-1 ratio in a safe concentration. An application every week, using $\frac{1}{4}$ strength solution, will produce even growth. 3 ozs., 25c; 20 ozs., \$1.00; 10 lbs., \$4.00.

Hyponex Plant Food. A medicine for plant life. Plants grow luxuriantly, flower abundantly and develop sturdy growth regardless of poorness of soil. A teaspoonful makes a gallon of liquid Plant Food. 3-oz. can, 25c; 1-lb. can, \$1.00; 10 lbs., \$8.00; 25 lbs., \$15.00; 100 lbs., \$40.00.

Hyper-Humus

Nature's Soil-Builder

Hyper-Humus has been recognized by leading authorities as the longest-lasting, the most efficient, and thus the most economical source of organic material. Extracted from domestic peat deposits, which have been rigidly cultivated for many years, this material is entirely free of weed seeds, is well rotted, and finely ground, ready to use.

Hyper-Humus makes an ideal top-dressing for the lawn, garden, and shrubbery, and is unequalled for lightening heavy soils, or binding soils which are too light. Use at the rate of 1 to 4 pounds per square foot, depending on the condition of the soil.

Prices for bagged material: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 85c; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$9.50; $\frac{1}{2}$ ton, \$15.00; ton, \$25.00; in loose bags, \$1.00 per minimum 5 tons, \$1.00 per ton f.o.b. plant, carload (minimum 25 tons), \$9.00 per ton, f.o.b. plant, Hyper-Humus, N. J.

Kainit (Potash Salts). Apply 800 to 1000 pounds per acre. Excellent for potatoes, corn and other grains; also for top dressing asparagus beds, etc. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$3.50; $\frac{1}{2}$ ton, \$29.00; ton, \$56.00.

Land Plaster (Gypsum). A form of lime which may safely be applied with manure, since other types react unfavorably on manure. When applied to land, it furnishes calcium without increasing the alkalinity of the soil. Apply 1500 to 2000 pounds per acre. 10 lbs., 45c; 25 lbs., 85c; 50 lbs., \$1.25; 100 lbs., \$2.00; $\frac{1}{2}$ ton, \$16.00; ton, \$30.00.

Lawn Dressing (Michell's)

A complete organic fertilizer made up expressly for use on lawns and putting-greens. It affords a well-balanced, steady diet for established lawns and encourages quick, vigorous growth on new lawns.

When building a lawn, use 50 pounds per 1000 square feet, raked into the upper surface of the soil. Established lawns should receive spring and fall applications of 25 pounds per 1000 square feet, preferably mixed with top dressing, or watered immediately after applying. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; $\frac{1}{2}$ ton, \$8.50; ton, \$15.00.

Legume-Aid. For alfalfa and all clovers: 1/2-bu. size, 30c; 1-bu. size, 50c; 2 1/2-bu. size, \$1.00. For soy beans, peas, vetch and beans: 1-bu. size, 30c; 2-bu. size, 50c; 5-bu. size, \$1.00; 50-bu. size, \$5.00. Garden size for garden peas, beans, and sweet peas, 10c. Always state what kind of seed you wish to inoculate when ordering.

Liquo-Vita. A liquid plant-food containing three major plant foods, plus Vitamin B1, Plant Hormones, and nine secondary plant foods. It is as safe on small seedlings as on large plants. One-half ounce to one gallon is the maximum concentration. 4 ozs., 30c; 12 ozs., 60c; qt., \$1.25; gal., \$4.00; 5 gal. bbl., \$15.00.

Lime (Hydrated or Powdered). For correcting acidity in the soil. Apply at the rate of 1 ton per acre. 10-lb. box, 30c; 50 lbs., 85c; 100 lbs., \$1.50; 500 lbs., \$6.25; $\frac{1}{2}$ ton, \$11.00; ton, \$20.00.

Limestone (Pulverized). The raw form of lime, useful where a coarse material is required on worn-out, acid soils. Apply 1 1/2 tons per acre. 100 lbs., \$1.25; 500 lbs., \$5.00; $\frac{1}{2}$ ton, \$10.50; ton, \$17.50.

Wizard Sheep Manure. Grow better flowers and lawns. Beautiful flowers and thick velvety green lawns are possible only on rich, physically perfect soils. Wizard Manures promote strong healthy growth by supplying an abundance of humus, vitamins and mineral foods needed by all soils. You'll get amazing results with all plants by using a complete natural plant food and soil builder. Contains vitamin B1. Don't risk disappointment by using inferior manures. We have recommended and sold Wizard for more than 30 years. 3 lbs., 25c; 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; $\frac{1}{2}$ ton, \$7.50; ton, \$16.00.

Manure (Fresh Horse, Stockyard, and Cow). At short notice we can usually supply first-class horse, cow, and stockyard manure in carload lots only. Prices on request.

Mum Manure (Smith's). Give your plants a quick start by using this manure. A perfect food for 'Mums and other flowers, either under glass or in the garden. 50 lbs., \$3.00; 100 lbs., \$5.50.

Muriate of Potash. Usually used with other fertilizers deficient in potash. Excellent for potatoes, corn and other grains. Analysis equal to 48 per cent actual potash. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.25; 100 lbs., \$4.00; 200 lbs., \$7.50; $\frac{1}{2}$ ton, \$31.00; ton, \$60.00.

Milorganite. A specially prepared, activated sewage sludge, entirely organic and absolutely safe to apply on lawns, flower-beds, trees, etc. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 500 lbs. at \$2.75 per 100 lbs.; 1000 lbs. at \$2.50 per 100 lbs.; ton, \$45.00.

MICHELL'S HIGH GRADE FERTILIZERS

Nitrate of Soda. (16 per cent) A source of nitrogen in a form immediately available, which stimulates leaf- and top-growth of plants of vegetables and fruit; and should therefore be used only after plants are above the ground. If used in liquid form, dilute 2 ounces in 1 gallon of water and do not apply more often than twice a week. Lbs. 20c; 5 lbs., 65c; 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$5.00; ½ ton, \$4.00; ton, \$7.50.

Peat Moss. We offer only the highest grade, clean granulated Peat Moss, certified as to quality and uniformity. An excellent material for summer or winter mulching, and a valuable source of organic matter when incorporated with the soil. 1-lb. bag, 75c; 5-lb. bag, \$2.25; standard bale, \$5.00.

Phosphate, Ammoniated. A complete, balanced fertilizer for all vegetable crops and particularly suited for grain and cereal crops. 5 lbs., 40c; 10 lbs., 65c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 200 lbs., \$6.50; ½ ton, \$28.00; ton, \$54.00.

Phosphate, Super (20 per cent). 100 lbs., \$2.50; ½ ton, \$18.50; ton, \$35.00.

PlanTabbs

Fulton's PlanTabbs are the finest of plant-foods, recommended particularly for potted plants as well as the flower and vegetable garden. Clean, convenient tablets without odor; balanced and complete, they contain all the food elements any plant requires.

It is hard to realize that so much plant-food is contained in one of these little tablets. They are highly concentrated yet perfectly safe, even the tenderest plants, and quite economical.

10 tablets, 10c; pkg. (30 tablets), 25c; 200 tablets, \$1.00; 1000 tablets, \$3.50.

Potato Fertilizer (Michell's). Apply at the rate of from 800 to 1000 pounds per acre, 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; 200 lbs., \$6.50; ½ ton, \$27.00; ton, \$52.00.

Salt. For asparagus beds and putting on walks and roads to kill weeds. Apply 800 pounds per acre in early spring. 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.50; 200 lbs., \$4.50; ½ ton, \$18.50; ton, \$35.00.

Soil. For potting. Qt., 10c; ½ pk., 25c; pk., 40c; bu., \$1.50; bbl., \$3.25.

Soil. Plain top, 100 lbs., \$1.25; 500 lbs., \$5.00; 1000 lbs., \$9.00; ton, 1-bag, \$15.00.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemums and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 75c; 10 lbs., \$1.40; 25 lbs., \$2.25; 100 lbs., \$7.00.

Stim-U-Plant. For more beautiful plants and flowers. The original plant-food tablet. Makes plants grow faster and bloom better. On market 22 years. Wonderful results. Odorous, clean, and economical. Prices: 10 tablets, 10c; 30 tablets, 25c; 100 tablets, 75c; 500 tablets, \$2.50; 1000 tablets, \$3.50.

Sulphate of Aluminum. Especially adapted for rhododendrons and other plants requiring an acid soil. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 100 lbs., \$4.00; ½ ton, \$31.00; ton, \$60.00.

Sulphate of Ammonia. Apply 75 to 100 pounds per acre only with other fertilizers. Analysis equal to 20 per cent ammonia. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; 200 lbs., \$8.50; ½ ton, \$38.50; ton, \$75.00.

Sulphate of Iron. 5 lbs., 75c; 10 lbs., \$1.40; 25 lbs., \$2.75; 50 lbs., \$4.50; 100 lbs., \$8.00.

Sulphate of Potash. Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis equal to 50 per cent of actual potash. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.50; 200 lbs., \$12.00.

Superphosphate (20 per cent). A very high-grade phosphate. Apply 750 pounds per acre, 100 lbs., \$2.50; 200 lbs., \$4.50; ½ ton, \$18.50; ton, \$35.00.

Tan Bark used for making paths in formal gardens. Can be supplied in 100-lb. bags only. 100 lbs., \$2.00; 500 lbs., \$9.50; 1000 lbs., \$18.00; ton, \$35.00.

Tankage. A blood-and-bone product yielding nitrogen, lime, and phosphoric acid. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.25; ½ ton, \$37.00; ton, \$7.20.

Terogen. A new autumn and winter ground dressing acting both as a fertilizer and as an insecticide. 1-lb. tin, 75c; 2-lb. tin, \$1.25; 5-lb. tin, \$2.75; 10-lb. tin, \$4.75; 25-lb. tin, \$11.00; 50 lbs., \$21.00; 100 lbs., \$40.00.

Tree Food (Michell's)

A wonderful fertilizer for fruit and shade trees. Contains the three necessary elements mixed in the proper proportions so as to promote vigorous growth. On backward, sickly trees, whether newly planted or of long standing, it works wonders.

Not Used as a Top-Dressing

Drill holes in the ground 1½ feet deep and 5 feet away from the trunk, and extend out beyond the line of foliage; fill holes with food and then close. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50; ½ ton, \$38.50; ton, \$75.00.

Soil Augur No. 2. Best method for applying to trees.

Tobacco Stems. For fumigating, mulching, and fertilizing, these are invaluable. Lbs., 15c; 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.50; large bales, 5¢ per lb.; ½ ton, \$20.00; ton, \$35.00.

Universal Acid Plant Food. For gardenias, azaleas, and other acid-loving plants. 100 lbs., \$6.75.

VIGORO
Complete plant food

Vigoro. Complete plant food. For successful lawns and gardens. Vigoro is America's largest selling plant-food. It produces wonderful results because it supplies all 11 food elements growing things need from soil, in scientifically balanced proportions. Safe, sanitary, odorless, and easy to apply. And Vigoro is economical. A single 100-lb. bag will feed 250 sq. ft. 1-lb. bag, 10c; 5-lb. bag, 45c; 10-lb. bag, 85c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100-lb. bag, \$4.00.

Vigoro Tablets. Pkg., 10c.

VICTORY Fertilizer

This is a complete fertilizer which would prove very helpful in the success of your Victory Garden. It comes in the following sizes:

25 lbs.	.....	\$1.50
50 lbs.	.....	2.50
100 lbs.	.....	4.00

Wonder Worker Fertilizer. An extremely high-grade animal base fertilizer adapted for growing all vegetable crops. Will not burn and, not being a chemical product, no special instructions are necessary. 100 lbs., \$4.50; ½ ton, \$38.50; ton, \$75.00.

Wood Ashes. Apply 1000 pounds per acre. Indispensable for all crops requiring potash. Excellent for mixing with potting soil. For top-dressing lawns and grassfields it is applied either in early spring or late fall. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200-lb. bbl., \$5.00; ½ ton, \$21.00; ton, \$40.00.

Root-Forming Chemicals

Hormodin

The Root-Forming Chemical

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart.

Powder No. 1. A general-purpose powder especially good for carnations, roses, pointsettias, chrysanthemums, and similar types. 1¾-oz. pkg., 50c; 1-lb. pkg., \$3.00.

Powder No. 2. Designed for many of the woody and semi-woody types. 1¾-oz., pkg., 75c; 1-lb. pkg., \$4.50.

Powder No. 3. Designed for the more resistant species including many evergreens and dormant leafless cuttings. 1-oz. pkg., \$1.00; ½-lb. pkg., \$4.50.

ROOTONE

PATENTS PENDING

The plant hormone powder. Insures better flowers by providing better roots. Dust your seeds, bulbs and cuttings before planting with Rootone. Write for booklet. ¼ oz., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00.

Vitamin B-1 (Thiamine Hydrochloride). An outstanding new discovery in the field of "growth substances" for planting. Vitamin B1 stimulates root-growth; thus its benefits are reflected in its ability to restore sick and straggly plants to health, to produce larger blooms, and to prevent root-shock in transplanting. We offer this powder in vials containing enough to make 2000 gallons of solution. Vial, \$1.00; 100 tablets making 2000 gals., \$1.00; 100 tablets making 100 gals., \$1.00; liquid form, sufficient for making 2000 gals., \$1.00; liquid in bottles, making 100 gals., 35c.

TRANSPLANTONE

PATENTS PENDING

Vitamin Hormone Stimulant for rooted plants. 1-oz. can, 50c; 3-oz. can, \$1.00; 1-lb. can, \$4.00.

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Here is a selection of Books that is thoroughly up to date, practical, and comprehensive. Written by authors of national reputation—outstanding men who figure prominently in the various phases of garden and farm work. These Books will show you how to raise bigger and better crops, better your condition, increase your efficiency, add to your income. Read, and make your reading count.

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Carnation Culture, Practical (Weston). 224 pages. \$2.00.

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Commercial Floriculture (Bahr). 616 pages. \$5.50.

Commercial Flower Forcing (Laurie and Chadwick). The fundamentals and their practical application to the culture of greenhouse crops. 519 pages. \$4.00.

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Solless Growth of Plants (Ellis & Swaney). \$2.75.

Violet Culture, Practical (Coon). 75c.

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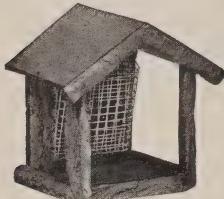
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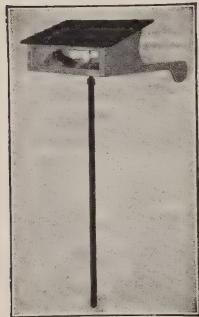
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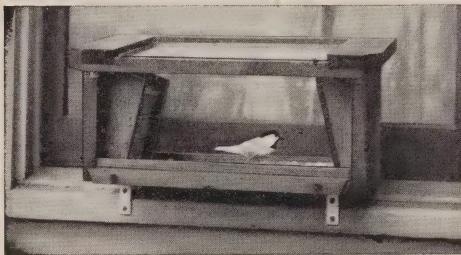
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Round in shape; made of heavy wire. We have tried this out and found it to be the best Trap made. Scatter a little cracked corn and set the Trap right over it. You'll be surprised at the catch. Price, \$6.50.

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VITAMINS IN VEGETABLES

Vitamins required daily to maintain the maximum of health:

Vitamin A	Vitamin B₁	Vitamin C	Vitamin B₂
5,000 I. U.	600 I. U.	75 Milligrams	2.7 Milligrams

Vegetable	Amount of Vegetable in Ounces	Vitamin A	Vitamin B ₁	Vitamin C	Vitamin B ₂	Vegetable	Amount of Vegetable in Ounces	Vitamin A	Vitamin B ₁	Vitamin C	Vitamin B ₂
Asparagus	3.5	700	210	35	120	Kale	3.5	20,000	150	125	600
Beans, String	3.5	1,000	75	15	120	Lettuce	1.8	50	38	7	23
Beets'	3.5	0	45	5	30	Mustard Greens	3.5	135	125		
Beets, Green	3.5			50	450	Onions	3.5	0	30	8	90
Broccoli	3.5	9,000	111	70	225	Parsnips	3.5		120	23	
Brussels Sprouts	3.5	200	180	75		Peas, Garden	3.5	1,000	420	25	195
Cabbage	2.6	75	56	45	68	Peppers, Sweet	2.5	3,500	21	88	84
Cabbage, Chinese	1.8	1,000	38	20	23	Potato	4.2	36	144	16	54
Cantaloupe	13.6	450	90	45	90	Rhubarb	3.5			20	
Carrots	3.5	2,100	60	5	60	Rutabagas	3.5	1,750	45	20	
Cauliflower	3.5	30	150	75	105	Spinach	3.5	25,000	120	75	375
Celery, Bleached	3.5	10	30	5	35	Squash, Winter	3.5	4,000	45	5	75
Chard, Swiss	3.5	9,000	38	90		Squash, Summer	3.5	1,000	45		45
Corn, Sweet	9.0	1,275	344	26	153	Tomato	3.5	1,100	78	23	60
Cucumbers	2.1	12	27	6	14	Turnips, White	3.5	0	36	30	36
Dandelion	3.5	12,000	100			Turnips, Green	3.5	10,000	120	150	360
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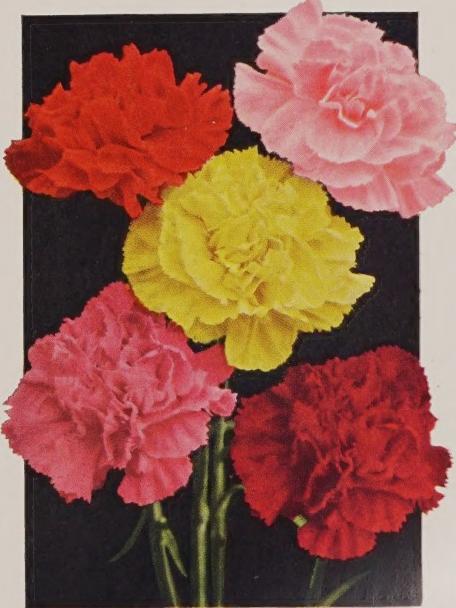
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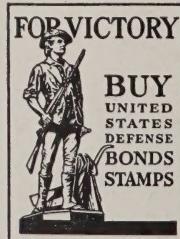
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